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# 1911 AGGELER & MUSSER

## SEED CO.

SUCCESSORS TO  
Johnson & Musser



FIRST  
EARLY  
TOMATOES



## To Our Friends and Patrons:

Again we have the pleasure of greeting our many customers through the medium of our annual catalog, which we have endeavored to improve over all past issues. It may be needless for us to tell our many permanent customers of the quality of our Seeds, Plants, and Bulbs; but to those who receive this catalog, and who have never used our goods, we ask a trial order.

### Order Early

It will be a great advantage, both to customers and ourselves, if orders are sent in as early as possible. Please be particular to give name, full address, and shipping directions. Every season we get a number of orders without name of sender or Post Office, and the post-mark on the envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is their own entirely.

### Keep a Copy of Your Order

Check goods received with this copy. Sometimes items are sold out, or will follow later, in which case a slip is enclosed with other goods, or notice sent. In case of error, notify us immediately, that correction may be made.

### Orders are Promptly Filled

Or in case of delay, notified by postal card. If you do not hear from an order sent us, within a reasonable time, send us a duplicate order covering date of order, amount of same and form of remittance, your name and full address. If you cover these points in your first letter, a long delay is often saved in tracing.

### Our Terms

Are strictly cash with order. We prefer not to send C. O. D., but if wanted by that method, customers should enclose  $\frac{1}{4}$  of the amount in remittance with order.

### How to Send Money

This can be done either in the form of a Postal Money Order, Bank Draft, Express Order, Registered Letter, or Cash may be sent by Express. Remittances sent in any other way are entirely at the sender's risk. Small amounts may be sent in postage stamps,—5c or 10c stamps preferred.

Make Money Orders payable to the

**AGGELER & MUSSER SEED CO.**

113-115 North Main Street

Los Angeles, Cal.



# The Eighteenth Annual Catalog of the Aggeler & Musser Seed Company

Successors to

## JOHNSON MUSSER SEED CO.

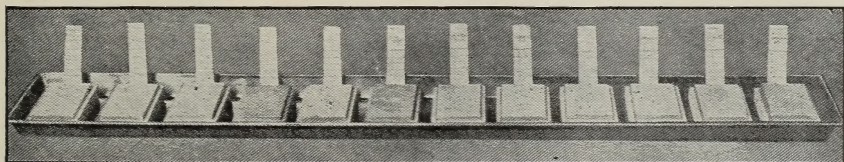
Established 1893, Incorporated 1896, moved into 113 North Main St., Los Angeles, outgrew this place and in 1906 added the adjoining store, 115 North Main St., now having a floor space of 9000 square feet for our retail department, and using a much larger space in various warehouses for the storage of our seeds. Although we had more than five hundred acres growing in seeds for us in Southern California under our supervision, yet the acreage for growing our seeds is scattered to every quarter of the earth, as experience has taught us where the best seeds grow. But we find that the seeds that produce the best results here are the certain strains of various kinds that have originated and acclimated right here in Southern California.

**Always Up to Date.** The rapid growth of our business each year is conclusive evidence that our seeds are giving satisfaction, that the care we exercise to guide new settlers in their selection of the proper varieties of seed suited to the soil, the season, and to the purpose or market for which each crop is intended, all prove our sincerity of purpose to help the grower be the rancher or gardener in the proper selection of seeds.

We are strictly a market gardeners' seed house in every sense of the word. Our practical experience in growing and marketing enables us to give proper directions and advice to new and inexperienced growers in every phase of the profession, from the selection of the seed to the marketing of the crop.

We request all newcomers who contemplate putting in a garden, whether for private use or for market, to consult us concerning the selection of seed, preparation of the soil, fertilization, irrigation, preparing and marketing the produce.

On the first pages of this catalog we will give special mention and description of the most profitable varieties to plant, according to the market for which they are intended. Special mention will also be given to a number of new vegetables of exceptional merit that are not generally known.



We test the germination of all seeds with the Bauer Method pictured here.



## The Monstrous Bush Lima Bean

The picture is the actual size of the bean.

A typical product of the climate and soil of Southern California. Discovered by us on the ranch of A. J. Young, in Orange County, in 1905. Introduced by us in 1908. It is the largest bean in existence, and the best, having a flavor exactly like the little wild chestnut of the East. No home gardener will be without this bean after once having grown and tasted it.

Mr. J. B. Handy says he allowed several neighbors to have a few beans from our seed field to eat, and now he has to stand guard with a shot gun to keep them out. And this is no mean reflection on the neighbors, either.

Mr. W. H. Brown, of Orange County, says his vines lived over the winter and on June 1st, 1910, he was selling lima beans from the old vines.

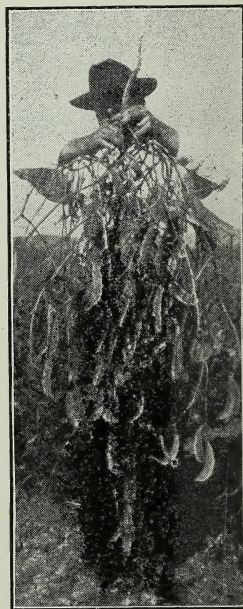
This is surely the bean for the South. Plant six feet apart in rows eight feet apart, allowing only one stalk to grow in a hill.

The accompanying picture is J. B. Handy stripped of the leaves and having 152 marketable pods. The picture was taken Sept. 1st.

The vines completely cover the ground, although planted eight feet apart.

Price, per pkt., 10c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c; Postpaid; 5 lbs. \$1.75; 100 lbs. \$20.

We give this wonderful bean special recommendation to growers in states bordering on the Gulf of Mexico and everywhere in the Tropics where it will grow all the year round. We sent a sample to a customer in Vera Cruz, Mexico, who reported it making a wonderful growth of nine feet in three months.

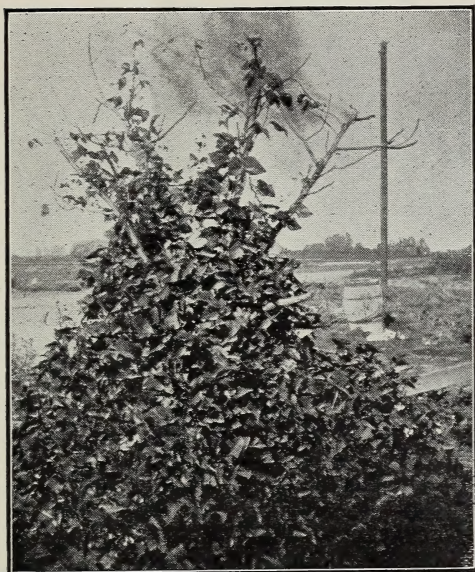


152 Pods  
On One Bush

Monstrous Bush Lima



## South Sea Island Bean



Vine of Sea Island Bean  
June 1st, from roots second season

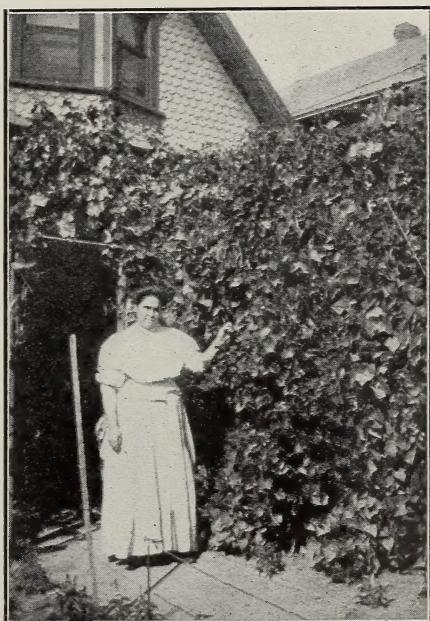
This bean was displayed at the Trans-Mississippi Exhibition at St. Louis. Through the kindness of S. N. Sheets of Los Angeles we procured possession of one ounce of seed, which when grown on our trial grounds, proved of such merit that we carefully guarded the seed for several years. We can now offer only a limited quantity. The seed is pure white. The pod is tender and stringless, very much resembling the Scarlet Runner. The vine is accurately portrayed in the picture taken of a group of vines grown from the tuberous roots two years old. This is second year's growth, May 1st. They are delicious, cooked dried or green. When cooked green the pods should be sliced. Every home garden should have this bean. Mr. Robert Werner, who has so carefully guarded this seed, says it is very prolific, and that the second year it yields from May 1st until destroyed by frost, and it is so good everyone should have it. —Price, oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 50c; by mail 60c.

## The Arbor Bean

This bean is new to the American people, but popular in Sunny Italy where it is grown in many back yards over arbors to shade a porch or window. The accompanying picture shows the home of Mr. Garbarini in Los Angeles. Within eight weeks it will grow to a height of ten feet, and during the summer will exceed eighteen feet, bearing edible beans at six weeks, and continues until frost. The beans are stringless, tender, and in flavor equal to the best. If you want shade, be sure to plant these beans and you will have both shade and an abundance of beans.

Price, per pkt. 5c;  $\frac{1}{4}$  lb. 15c; 1 lb. 40c, by mail 50c.

Mr. Frank Garbarini says this bean will grow a longer vine and produce more beans than any other known variety.





## Winningstadt Cabbage



Winningstadt Cabbage

No other vegetable listed in our catalog has retained its popularity so continuously and for such a long time as our Quedlinburg strain of Winningstadt Cabbage, introduced by us in 1896, fifteen years ago. It is now, and has been ever since that date, the most popular cabbage grown on this Coast. It is popular because it is early, solid, good flavor, sure header, and the best shipper.

Price, per pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$1.75; 5 lbs., \$8; postpaid.

Aggeler & Musser Seed Co.,  
Los Angeles, Cal.

Dear Sirs: Last fall I set twenty acres to Winningstadt Cabbage, plants grown from seed furnished by your house. After careful estimate, though grown under unfavorable conditions, I am safe in saying that 90 per cent of them headed.

Very truly yours,

C. F. MASSINGALE,  
Coachella, Cal.

## Chinese Cabbage

This delicious vegetable should be more generally used. It is more easily grown than the ordinary cabbage, and when boiled with meat, it is much better than either cabbage or turnips. Every home garden should have a plot of Chinese Cabbage. Grow it exactly as you do lettuce.

Price, per pkt., 10c; oz., 75c.



Chinese Cabbage



A. & M. Early Drumhead

## Cabbage

### A. & M Early Drumhead

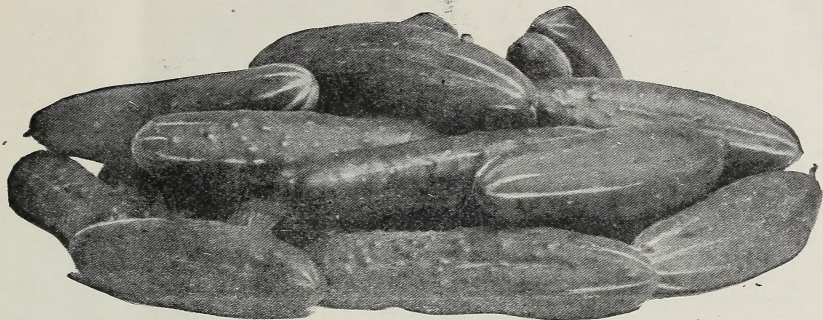
Year by year this desirable sort becomes more and more popular. It is very early, tender, crisp, and just the right size for table use. Truckers like it because every stalk produces a head.

Price—Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2; 5 lbs. \$9; postpaid.



## CUCUMBER

DAVIS PERFECT WHITE SPINE



This is the ideal cucumber. Long, slender, dark green, tender and crisp. It is the best all around cucumber yet offered for the family garden, the market garden and the hot house. Do not hesitate to plant this variety, whether you plant a dozen hills or a large acreage.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.75; Postpaid.

## Lemon Cucumber



Lemon Cucumber

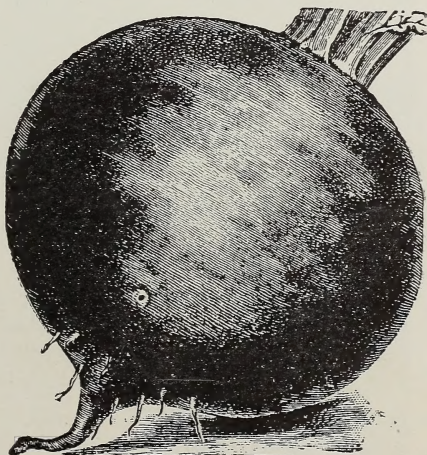
Every family garden should have several hills of this delicious cucumber; having tasted it once, you will prefer it to the common cucumber. We are safe to predict that the Lemon Cucumber will become a great favorite as a table delicacy. It is an excellent shipper, as proven last spring, when it appeared on the market ahead of all other varieties. We shipped a box to Chicago; it was four days in transit and retained its crispness for several days after its arrival. Pickled as a gherkin it is delicious.

Price—Pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 70c; lb. \$2.00. Postpaid.

## Crimson Globe Beet

This splendid variety has now been grown quite extensively in many sections of the country and the many good reports received from our customers indicate that it gives most thorough satisfaction. The root is of medium size, generally about three inches in diameter, very handsome in shape, being a little deeper than round, with a remarkably smooth surface. It has a very small tap-root.

Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c; 5 lbs. \$4.00; Postpaid.



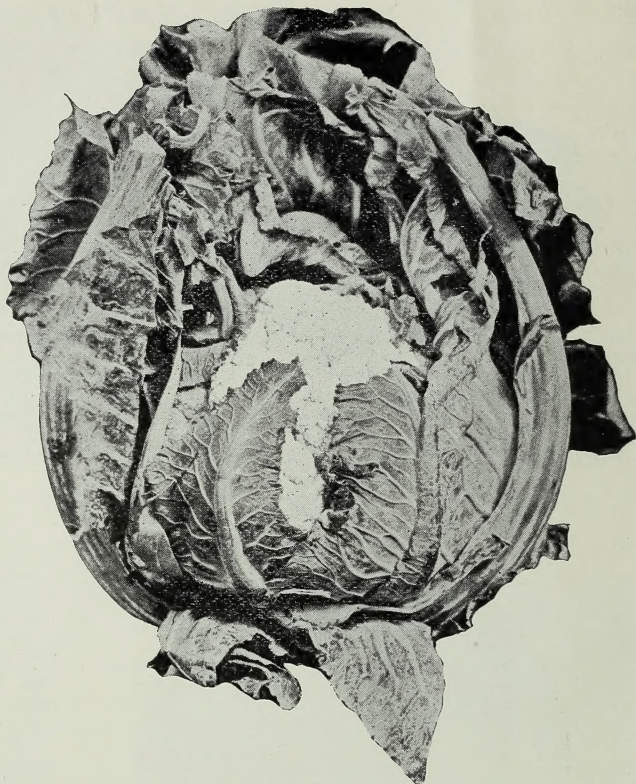


## California Pearl Cauliflower

This variety is a favorite from California to New York, because of its excellent shipping qualities. It originated here and has made Southern California famous for her excellent cauliflowerer. The California Pearl is thoroughly adapted to a semi-tropical climate and is particularly suited for shipping because of the flower being completely enveloped within spiral curled leaves, which protect the flower from injurious exposure to rain, sunshine or frost, but particularly from injury in packing and in transit, retaining its fresh appearance longer than any other variety. It is decidedly the shippers' favorite.

Notice the spiral curled leaves how they completely envelope the flower.

Price—Pkt. 15c;  $\frac{1}{4}$  oz. 65c; oz. \$2.00;  $\frac{1}{4}$  lb. \$5.00; 1 lb. \$18.00. Postpaid.



California Pearl

## Our Extra Early Snowball Cauliflower

Our Extra Early Snowball Cauliflower, grown in Holland, has proven perfectly satisfactory for the past twelve years. Planted July 15th it can be marketed in December. It is the best early cauliflower yet offered by any seed house.

Price—Pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50;  $\frac{1}{4}$  lb. \$8.00. Postpaid.

## CARROT

### A. & M. EARLY GEM

Somewhat resembles the Guerande or Oxheart, but is more uniform in shape, of finer texture and almost entirely free from the core usually found in other varieties. Flesh deep red, very tender and delicate in flavor. The roots generally attain from four to five inches in length and about three inches in diameter, although they have been grown to nearly double these dimensions. For bunching, the handsome appearance is a marked advantage over all other varieties. It is a favorite with the market gardeners.

Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; 1 lb. \$1.00; 5 lbs. \$4.50 Postpaid.





# CORN

## A. & M. OREGON EVERGREEN (SWEET)

Oregon Evergreen Corn now has the endorsement of every gardener that grows for the Los Angeles market. We are safe to say that any gardener growing this corn for any other market, will have the lead of all competitors just as soon as he will show to his customers its superiority over all other sweet corn. This is the sixth year since we first offered this new and distinct variety. The demand has grown each year until it is now practically the only variety offered on the Los Angeles market. The peddlers will have no other and one no longer hears the consumer complain about the poor quality of the California sweet corn. The advantages of this corn over all others, are its earliness, its large size, rarely less than eight inches long, clear of husk. The grains are full to the tip. The husk is very thick and folds so tightly over the grains that the worm does very little damage, compared with other varieties. The thick husk is also desired by the peddler and the groceryman, because it can be held over two days before it appears old or wilted. It is very productive, averaging three good ears to every stalk, often bearing five marketable ears.

It can truthfully be said that Oregon Evergreen has excluded every other variety of sweet corn from our local market.

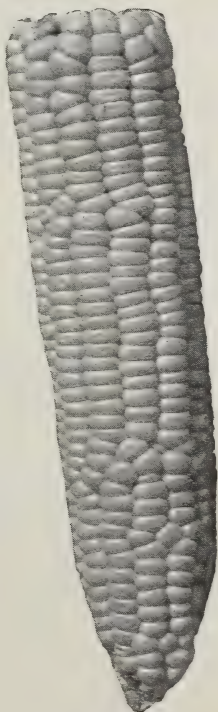
Price—Pkt. 5c; 1 lb. 20c; 10 lbs. \$1.50. By mail, 10c per pound extra. 100 lbs. \$10.00.

## A. & M. EARLY ADAMS

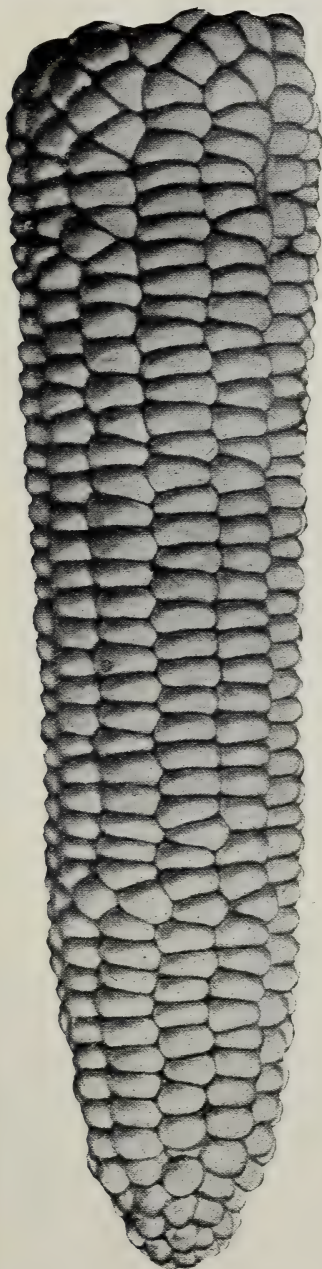
This is a blend between the Oregon Evergreen and the Eastern Extra Early Adams. The superiority of this strain over the former Eastern-grown Adams is shown in its earliness, large size and sweetness. It is nearly as good as the Oregon Evergreen, and is earlier and hardier. It is one of the many good things that originated here.

Price—Pkt. 5c; 1 lb. 15c; 10 lbs. \$1.25. By mail, 10c per pound extra. 100 lbs. \$9.00.

A number of gardeners who saw this corn on the market last season have already purchased or ordered their supply of this seed for next season. They positively do not want the Eastern grown seed.



A. & M. Early Adams  
½ Natural Size



A. & M. Oregon Evergreen

# LETTUCE



New York Special (Select)

## NEW YORK SPECIAL

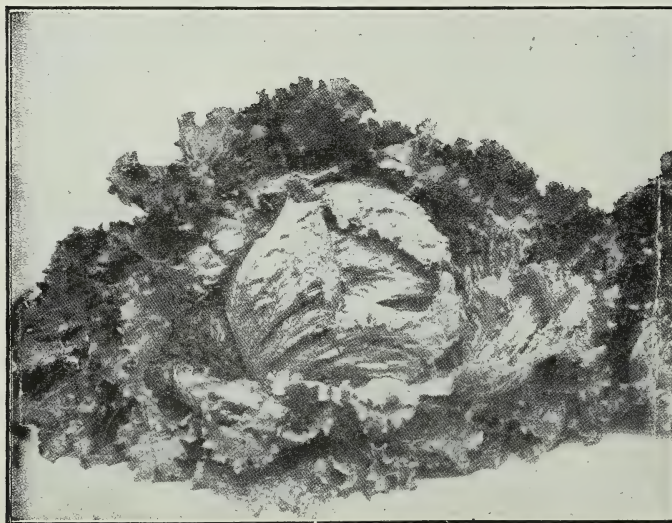
This variety should more appropriately be called the Los Angeles Lettuce, because in Northern and Eastern cities, wherever it appears on the vegetable stands, it is called the Los Angeles Lettuce, and commands a more ready sale and higher price than any other variety, because of its crispness and excellent flavor. In the Southwest it should be planted only during winter months, from Sept. 1st to Feb. 1st.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.75; 5 lbs. \$8.00 Postpaid.

We give particular attention to securing the best strains of Lettuce. The two varieties described on this page are undoubtedly the best for Southern California. Plant Marblehead all the year but the New York Special only from Sept. 1st until Feb. 1st.

## MARBLEHEAD LETTUCE

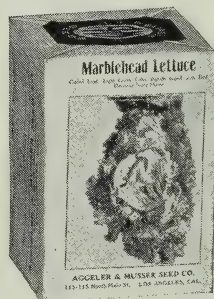
This is an improved strain of the well known Iceberg. The heads are more solid and for all the year round there is no better lettuce. It is crisp, has a delicious nutty flavor. Our seed is grown from selected seed stock and every plant that did not head properly was cut out and not allowed to go to seed.



Marblehead

We are safe to guarantee that from October until May with proper care, fully ninety per cent of them will make perfect heads.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25; 5 lbs. \$5.50 Postpaid.



Marblehead Lettuce



## A. & M. Improved Hybrid Casaba



This is the Prince of all the casabas. The original Turkish casaba brought to this country about thirty years ago, found its ideal home in Southern California. This casaba became hybridized with the Montreal muskmelon. This produced a delicious casaba, but too large and too soft to become a popular market melon for all purposes. The shipper could not use it and the peddler could not handle it with profit, but the consumer called for it. By careful selection for several years we now have the Prince of all casabas. It is about the size of a large Hackensack muskmelon, a good solid keeper, and shipper, with a most delicious flavor. Whether you plant several hills or several acres, plant this Prince of all casabas.

Last season we gave this the title of "Prince of all Casabas," with the above description. The title passed not only unchallenged, but further confirmed by universal praise. Our testimonials would more than fill this book. Be sure to ask for the Improved strain.

Price—Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50; 5 lbs. \$11.50 Postpaid.

### GROWN WITHOUT IRRIGATION

"Mr. M. C. Hayes of Lamanda had six acres of Improved Hybrid casabas, and while only a portion have been marketed, he expects to sell \$1000 worth unless an early frost should cut his crop short. A visit to his casaba field before the rains showed that the entire field was then literally covered with big casabas and the ground, on the surface, was nothing but five inches of pulverized dust, but below that the ground was wet."—Los Angeles Times, Oct. 20, 1910.

### GREEN FLESHED TIP TOP MUSKMELON

We tried this melon last season and agree with the original introducer, that it is far superior to the Yellow Fleshed Tip Top, which it resembles in outward appearance. It has a better flavor and is more prolific. We have only a limited amount of this seed to offer and wish every home garden to have a packet.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c. Postpaid.

## The Original Gautier Pineapple



The Original Gautier Pineapple

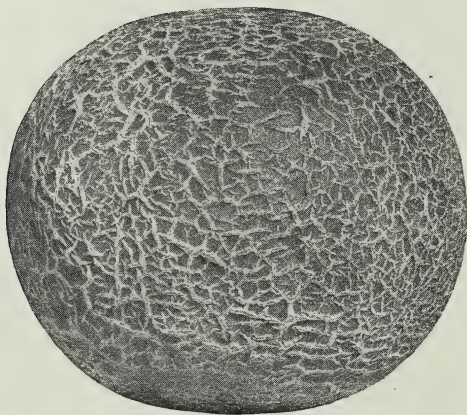
Last season we announced that we had procured seed of the Original Gautier Pineapple.

Mr. Jones, of Vernon, planted ten acres to this variety. This is what he says of it: "Its heavy netting and excellent flavor make it an easy seller. Its heavy yield and scarcity of culls make it a money maker for the grower." Mr. Jones' wagon attracted considerable attention at the market during the season with the result that we sold more than two hundred pounds of "that same seed" to the other growers before his melons were all harvested.

This melon was also offered on the San Francisco market last season for the first time, having been shipped from the Turlock district. It created quite a sensation, and we have already booked orders for the seed from Turlock growers. Its heavy net and solid sweet green flesh make it a good melon for the peddler. It can be carried two days without deterioration. It is the best melon of all our list to ship in carload lots like watermelons, without crating.

Price—Pkt. 5c; oz. 15c; 1 lb. \$1.25; 5 lbs. \$5.50. Postpaid.

## Musser's Superb



This muskmelon undoubtedly possesses the most delicious flavor of any melon yet introduced to the American consumer. It is an English hot house melon, but grows to perfection in our climate, and will yield about twice as many marketable melons per acre as any other variety. Every home garden should have this melon. It is the best on earth. Mrs. Thos. Herbert will eat no other while this can be had.

Sept. 15th, 1910. An actual conversation over the phone:

Customer: "Have you a muskmelon called 'Musser's Special'?"

A. & M.: "Yes, Musser's Superb."

Customer: "That's it. Have you got it now?"

A. & M.: "Yes."

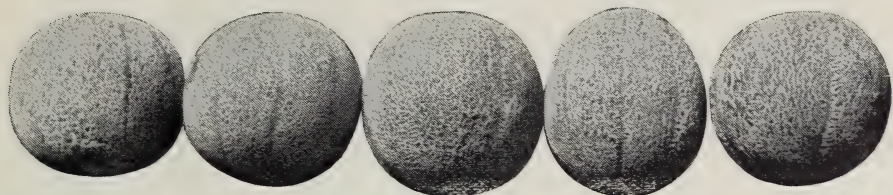
Customer: "I will come around in a few minutes to get two pounds of seed. That is the best melon I ever ate."

This melon seems to thrive better and taste better when grown on damp land.

Price—Pkt. 10c; oz. 20c; ¼ lb. 60c; 1 lb. \$2.00; 5 lbs. \$8.00 Postpaid.



## A. & M. Netted Rock Muskmelon



**A. & M. Netted Muskmelon**

It is this strain of the popular Rocky Ford Melon that has won favor, notwithstanding all the knocks that prejudice and competition could give it. Why? Because it is California grown seed. For years we could not sell it because it was California grown. Two years ago we grew five acres from this seed on our own ranch in the Coachella Valley. The shipper there said it was the best field of melons in the Valley, and bought one hundred pounds of this seed for his own growers for the summer of 1910. The result was so satisfactory that he has already ordered his seed for 1911 planting.

Last season the Bowsby Brothers planted twenty acres of this seed in the Imperial Valley with the result that the Inspector remarked that it was not only the best field in the Valley, but the best he had ever seen.

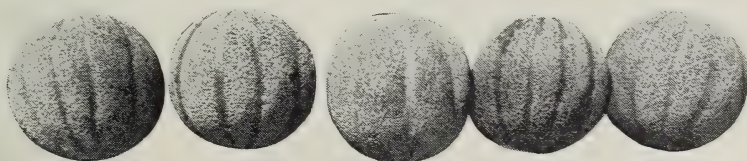
This seed is grown near the Coast, where it is cool. It is from thoroughly matured melons and from the best of the crop grown exclusively for seed.

We were persistent in offering this seed because our local melon growers have long discovered that home grown seed is the best. We could not sell any variety of melon seeds to our market gardeners if we advertised it as Eastern grown, and we have now convinced the large growers that this A. & M. Netter Rock is the best.

The same is true in Stanislaus County. One large grower from Turlock wired us last August to know if we could supply the same strain of seed next season. Yes, we have it and it is pure.

**Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.75 Postpaid.**

Last season there was a general complaint in the Imperial Valley that melons averaged too large; there were too many Jumbos. We then decided to offer the Netted Rock Junior to all who will plant in rich soil, but recommend the Netted Rock for poor or questionable soil.

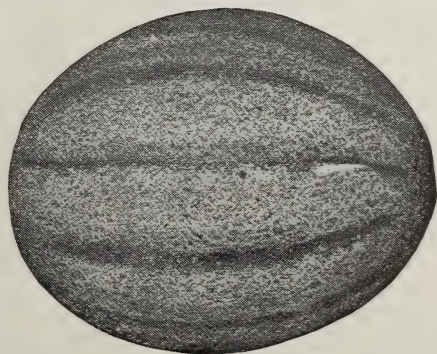


**Netted Rock Junior**

This melon is heavily netted, and distinctly but not deeply ribbed. It is ideal for the shipper, and is as good in every respect as the Netted Rock, but will average slightly smaller.

**Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50; 5 lbs. \$6.75 Postpaid.**

**Burrell's Gem.**—This Melon was introduced by us two years ago. It is a greatly improved variety of the well known and popular Paul Rose and has now superseded it entirely. The outer appearance is oblong with rich dark green, even when the Melon is ripe. The flesh is salmon color and of delicious flavor. It is rapidly displacing the Rocky Ford as a shipper. **Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.**



**Burrell's Gem**

## Water Melon Angeleno

This is the third year since the Angeleno came into existence. No other melon gained such merited popularity in so short a time, particularly with the shipper, the wholesaler and the retailer. It is an abundant producer of medium to large size melons,—is the best of all good shippers, of beautiful shape and color, and of delicious flavor. One large grower from the Coachella Valley came into the store before the season was over and engaged seventy pounds of seed for next season.

Mr. Chas. Hall, the popular importer and wholesale dealer, 942-44-46 San Julian St., Los Angeles, says: "I can sell no other while there is an Angeleno in the place."

While the average is below twenty pounds, it is not unusual

for them to grow above forty pounds. It is easily gathered because it should not be picked until the gold shows through the dark green.

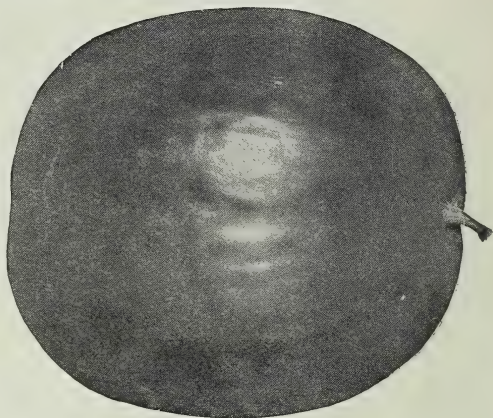
Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75 Postpaid.

### The Tom Watson Watermelon

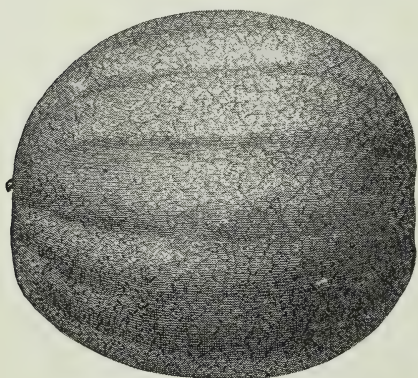
The Tom Watson has for the last two seasons been the most popular melon in the South, particularly in Florida. Its shape is similar to the Kleckley Sweet, but the color is a lighter green. Its great merit is in its earliness; good flavor; thin rind, and good keeping qualities, making it one of the best of shippers. If it is so popular in the



Tom Watson Watermelon



Angeleno Watermelon



Early Fordhook Watermelon

South, it should be tried here. It may prove a money-maker.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00; 5 lbs. \$9.00 Postpaid.

### Fordhook Early Watermelon

This was the first melon to appear in our market last season, grown by Mr. Rudolph, of Burbank, who sold his entire crop at a very high price before any other local melons appeared. The rind is thick but the flavor good. It is a good early shipper.

Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50; 5 lbs. \$6.75 Postpaid.

### Black Seeded Chilian

This comes nearer to the original Chilian Melon than either the White or the Red Seeded. Mr. Wright, of Manhattan, says he likes it because it is sweeter and fully ten days earlier. The rind is darker, the under side more yellow; it is the original Chilian or Cannon-Ball Melon introduced by us in the spring of 1900.

Price—Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75 Postpaid.



## Peppers

### Anaheim Chili

The popularity of this pepper continues to grow enormously. A few years ago known only to growers of Orange County, where it originated, it is now a staple article of commerce, superceding the extremely pungent Black Mexican pepper so popular in Old Mexico. Our sales of Anaheim Chili seed in Arizona, New Mexico, Texas, and Old Mexico, have been surprisingly large. The seed we have was procured from selected peppers, and not one pod was less than seven inches long. We purchased the peppers and had the seed taken out on our grounds under our supervision. It is 100 per cent. pure. It is a safe crop to plant; it has no insect enemies; when dried it is not perishable. The price is rarely less than ten cents per pound dried, and often double that figure. Two to four hundred dollars is the usual income from one acre. It is safer to plant the Anaheim Chili than Onions.

Price—Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50 Postpaid.

### Giant Crimson Pepper

The earliest maturing and most productive very large sweet pepper. The plant is vigorous and upright growing, larger than that of Chinese Giant and produces much more fruit. The fruits ripen earlier than any of the very large sorts on the market and average heavier, as the flesh is unusually thick. Color deep crimson when matured; flavor very mild. We have a small amount of seed and want large growers to try it out this season.

Price—Pkt. 10c; oz. 50c.

### A. & M. Selected Giant Be



A. & M. Giant Bell— $\frac{1}{4}$  Natural Size

This has proven to be the acme of perfection in the way of a large Bell Pepper. It is popular with large growers for shipping because it is prolific and a good seller in the market.

Anaheim Chili,  
Reduced One-Quarter

Price—Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; 1 lb. \$6.00 Postpaid.



# Tomato

## A. & M. First Early

(See a perfect reproduction on first page of cover.)

Last season we offered this tomato for the first time. Our claim that it would produce three times more tomatoes than the Earliana was fully vindicated. Every gardener who planted it last season was pleased with it because of its earliness and productiveness.

Mr. Harry Bailey, of Newmark, tried it, planting it beside two other early varieties purchased from Eastern seedsmen. He reports that the A. & M. beats them all.

Mr. R. P. Hanson, a large grower west of Los Angeles, says: "You have not misrepresented this tomato. The field looks as though you emptied a bushel basket of tomatoes around every plant."

Wm. Dickerson of Huntington Beach says: The A. & M. First Early yielded 19 tons of tomatoes per acre accepted by the cannery. Look at the picture and you will not doubt it.

Price—Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; 1 lb. \$5.00. Postpaid.

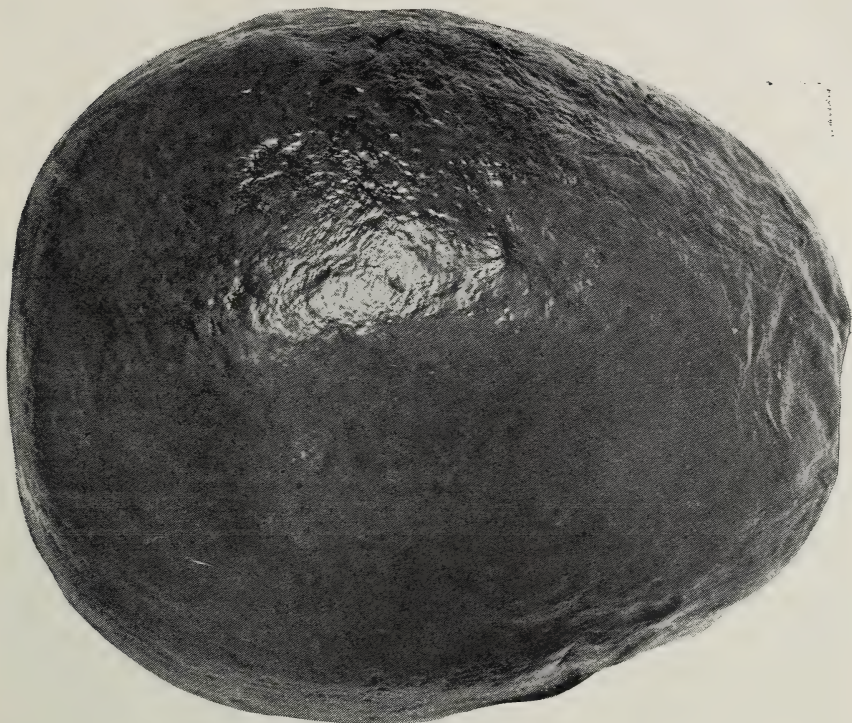


A. & M. First Early Tomato

A Birds-eye View of Part of a Hill on Which We Counted 136 Tomatoes.

Superior stocks are necessary to the prosperity of the Market Gardener. The inferior article may be more attractive at the beginning because it costs less, but the superior seed gives the most valuable product. You are bound to get the best vegetable seeds from us. We sell to market gardeners who must have only the best. No other seed house on the Pacific Coast caters to the market gardener as we do. The cheaper is never the best. The best is always the cheapest. Plant Aggeler & Musser's Reliable Seeds and insure success.

## Avocado, or Alligator Pear



Fruit of Budded Avocado, natural size. Weight, one pound; flavor rich, nutty and delicious; very nutritious; skin, dark green, thick and tough enough to stand shipment across the Continent; a good keeper, and a prolific bearer.

We have a limited number of avocado trees budded with the best stock grown in Mexico, which will produce fruit the size of the above picture. The budded trees will be ready for delivery July 1st. If you want one, place your order at once, as the stock is very limited. Price of each tree, \$3.00.

We also have seedling trees ready for immediate delivery for \$1.00 each.

As soon as you see this, write for circular giving full particulars.

### Feijoa Sellowiana, or Pineapple Guava

It is closely allied to the common guava, and very much resembles that plant in the character of its flowers and fruit, which is oval in form and from two to three inches long. They are so aromatic that a few of them will perfume a room with a pleasing fragrance. The fruit is delicious.

We have only a few plants and request that you send in your order at once.

**Price—Large size, \$2.00; small size, \$1.50.**

Write for special circular.

It is cheaper and safer to ship seeds and plants by express when five pounds or more are ordered. Unless you live at a distance from the express office and have Rural Free Delivery, order goods sent by express.



## A Prize Garden



Grown in one family garden by Robert Werner, at his home at Loma Linda, Cal.

We are indebted to Mr. Werner for this picture taken at his home by himself.

We find in this picture the following list of vegetables, beginning at the top: Hybrid Casaba, Rhubarb, Cucumbers, Netted Rock, Celery, Parsley, Tomatoes, Potatoes, Queen Onion, Lima Beans, Pie Pumpkin, Ruby King Pepper, Sweet Corn, Cauliflower, Refugee Beans, Yard Long Beans, Purple Top Turnip, Lemon Cucumber, Cal. Mammoth Radish, Stock Beets, Peanuts, Summer Squash, Leek, Lettuce, Gourd, Cashaw Pumpkin, Hubbard Squash, Chilian Watermelon, Santiago Watermelon, Japanese Pie Pumpkin, Sweet Potato Yams, Carrots, White Rose Potatoes, Turnips, Egg Plants, and Beets. Everything but Cabbage, 37 varieties in all.

We offer one packet each of the following twenty-four varieties postpaid to your address for \$1.00, or any twelve you may select for 50c:

Hybrid Casaba  
Klondike Cucumber  
Netted Rock Muskmelon.  
White Plume Celery.  
Parsley.  
A. & M. First Early Tomato.  
Queen Onion.  
Boston Pie Pumpkin.  
Ruby King Pepper.  
Oregon Evergreen Sweet Corn.  
Purple Top Turnip.  
Lemon Cucumber.

Cal. Mammoth Radish.  
White Bush Summer Squash.  
Wonderful Lettuce.  
Hubbard Squash.  
Chilian Watermelon.  
Santiago Watermelon.  
Japanese Pie Pumpkin.  
A. & M. Early Gem Carrot.  
Egyptian Beet.  
Egg Plant.  
A. & M. Early Drumhead Cabbage.  
Leek.

It is a good garden collection.

## List of Up-to-date Vegetable Seeds

**GARDEN, FIELD AND FLOWER SEEDS. EVERYTHING PERTAINING TO THE GARDEN. PETALUMA INCUBATORS AND BROODERS. POULTRY FOODS AND SUPPLIES.**

We will catalogue only standard and such other varieties of vegetable seeds as have been thoroughly tested by us and have proven particularly adapted to the climate and conditions of the great Southwest; other varieties that have proven of little value in this section will not be listed.

Localities nearer the coast within reach of the coast fogs require different cultural instructions and different varieties than those that would thrive best in the desert east of the Coast Range. We would request those who are unfamiliar with the requirements of their local conditions to write us for information.

The numerous letters we have received from customers pleased with the results of their seeds is evidence that our efforts to secure good seeds and up-to-date varieties are meeting with marked success.

That our zeal to advise the amateur grower and the new colonist what to plant, when to plant and how to plant, has been of great benefit, is proved by many who have written to us of their success with our seeds and our advice.

Nowhere in the world is there such necessity for competent, intelligent seedsmen as in Southern California, because of the diversity of climate, of soil, and of local conditions.

**TO THE BEGINNER**—We request that beginners and new-comers consult us either by letter or in person when additional information and advice is wanted other than is contained in these pages. Always give your local conditions of soil and climate, and whether a market gardener or a general rancher. All inquiries will command prompt attention.

**SEEDS WE OFFER**—As to the seeds we offer, we assure you that the utmost care is exercised to secure only reliable and true to name seed. We have devoted much time and attention to learning the varieties of garden and field crops suited to each locality. This information will often be found of great service to intending planters.

We are continuously testing the germination and purity of our seeds, but owing to the diversity of climatic conditions, insects, and inexperienced growers, Aggler & Musser Seed Co. will not guarantee the germination or products of any seeds they sell.

Our record for the past eighteen years has given us such a reputation for fair treatment that our oldest customers are our best advertisers.

## Full Instructions are Given With Each Subject Under the Heading of Culture

Owing to the different climatic conditions of each locality, no general rule can be applied as to time of planting, and what varieties to plant. Home gardeners require different instructions from market gardeners, and market gardeners are governed by different conditions than shippers.

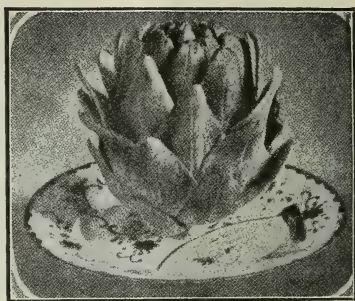
For particular information address a letter to us asking what you wish to know. Too many failures are the result of following a general rule that does not apply to your particular condition. Write us and avoid such failures.



## Artichoke

The seed may be sown at any time and transplanted when about eight inches high. It will mature in about eight months from planting the seed, but in Southern California the proper season to bloom is in March.

The best way to get a good Artichoke is to secure plants from old stalks of some good strain, as seeds cannot be depended upon to produce any certain variety. One half dozen is enough for a family garden.



Green Globe Artichoke

**Selected Large Green Globe.**—French stock is the standard variety. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.15; lb. \$3.50 Prepaid.



## Asparagus

**Culture for Home Gardens.**—In January plant roots two or three years old eighteen inches apart in the rows, rows four feet apart.

To start a large acreage, the seeds should be sowed in drills about fifteen inches apart. Sow in March, and transplant the following January. In fifteen months it will be ready to ship. In some sections earlier.

**Palmetto.**—The leading and most popular variety for the home garden or market. The tender sprouts are green and its delicious flavor makes this variety the favorite for table use. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Prepaid.

**Conover Colossal.**—Nearly the same as Palmetto, possibly larger, but culture has so much to do with size and quality that it is difficult to state which is the better variety. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 85c. Prepaid.

**Barr's Mammoth.**—A large white sprout, the flavor of which is generally liked. This is an excellent variety for canning, where appearance is desired. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Prepaid.

**Giant Argenteuil.**—Similar to Barr's Mammoth, but more rust resistant and far more productive. An excellent variety for the canner and early shipper. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.25. Prepaid.

**A Report from Ohio:**—The seeds we bought from you have grown when those of others failed. I have not only tried them in Arizona with good success but have used them here in Ohio also with good results.

L. H. TODD,  
Urbana, Ohio.

**Another from Louisiana:**—The seeds we bought from you have been quite satisfactory. I will send you an order this fall again.

W. J. WARRINGTON.



## Beans

All mail orders should include **additional ten cents** per pound to cover postage. Market gardeners who are beginners and not familiar with gardening in Southern California would do well to consult us either in person or by mail before buying, as to variety and time of planting. Special attention should be given to the instructions concerning the time of planting, which is an important factor in Southern California, as each month requires a different variety according to the market for which they are grown.

**Culture for Home Gardens.**—Plant Stringless Green Pod and Our Golden Wax early in April. Plant one to two inches deep, six inches apart, in rows thirty inches apart. As soon as the plant is well formed, cultivate frequently; let no weeds grow. Spray with sulphur just before the bloom shows, to avoid mildew. Sulphur will prevent mildew, but not cure a plant once attacked, but will check it. Plant every month until September.

Market gardeners should read carefully the description of each variety.

Any one having light, sandy soil that needs enriching, should plant it to beans, inoculating the seed with Nitrogen Bacteria.

The following list comprises all the varieties best suited to general gardening. We have ceased to catalogue others that would only mislead the gardener.

### Bush Beans, Green Pod Varieties

**Lady Washington, Small White, Black-eye, or Pink.** Write for market quotations.



**Early Refugee Bean**

**Early Refuge or 1000 to 1.**—An all round favorite for the summer months. Round pod, medium size, tender, desirable for table and cannery. It is a favorite with the market gardener, because it is a good shipper, a good seller, and very prolific. Plant from April to August. Price, Pkt. 5c; lb. 15c; by mail per lb. 25c; 10 lbs. \$1.00; 100 lbs. \$9.00.

**Canadian Wonder.**—Flat pod, of good flavor, not stringless, but otherwise tender. Very hardy. Desired above all others by gardeners growing on the foothills for winter shipping, because of its luxuriant growth and continuous bearing. Plant in September, October, November, December and January, according to your locality. Per pkt. 5c; lb. 15c; by mail 25c per lb.; 10 lbs. \$1.00; 100 lbs. \$9.00.

**Stringless Green Pod.**—The best variety for first early spring planting. Round pod, very prolific. Plant early in March to September. Pkt. 5c; per lb. 15c; by mail 25c per lb.; 10 lbs. \$1.00; 100 lbs. \$9.00.

**Six Weeks.**—A strong, rapid grower, which matures quickly. Flat pod. Only desirable for forcing. Plant in March, also early in September and October. Price, Pkt. 5c; per lb. 15c; by mail per lb. 25c; 10 lbs. \$1.00; 100 lbs. \$9.00.

**French Mohawk.**—Long oval pod, very tender and prolific. Matures in six weeks. Desirable for a profitable short crop, as only two months is required from seed time to the end of the crop. Plant every month from March to October. Per Pkt. 5c; per lb. 15c; by mail 25c per lb.; 10 lbs. \$1.00; 100 lbs. \$9.00.

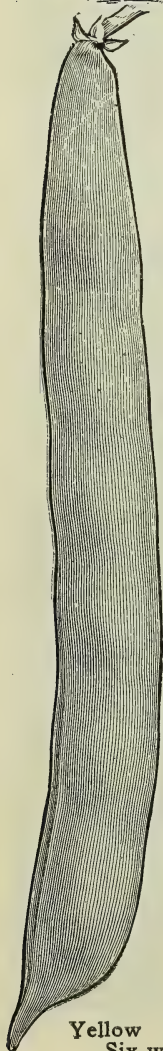
**Black Valentine.**—This excellent variety is a great improvement over the popular standard sort Early Red Valentine, being one-third longer than that variety, pods perfectly round and straight and of excellent quality. It also has the additional advantage of being suitable both for early and late planting, being extremely hardy. It will withstand early and late frosts which kill other varieties. A most desirable sort for the market gardeners, owing to its enormous yielding qualities, large and handsome appearance. Pkt. 5c; per lb. 20c; by mail per lb. 30c; 10 lbs. \$1.50; 100 lbs. \$12.00.



Golden Wax

in September, if not too cold, bears until January, being rust proof. This bean was introduced by us years ago, and has been the market gardener's favorite since that time. Plant from February to October. Per pkt. 5c; per lb. 20c; by mail 30c per lb.; 10 lbs. \$1.25; 100 lbs. \$10.00.

**Prolific Black Wax.**—Pod round, straight, five to six inches long. Decidedly the most desirable for mid-summer gardening. Plant from April to August. Per pkt. 5c; per lb. 15c; by mail 25c per lb.; 10 lbs. \$1.25; per 100 lbs. \$10.00.



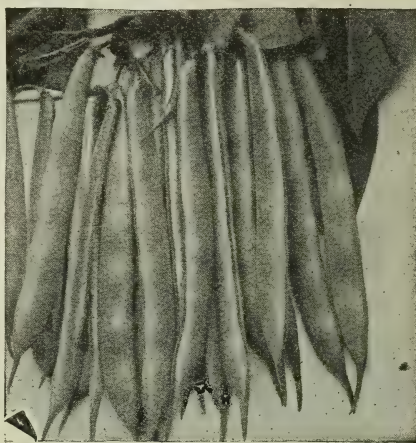
Yellow Podded Six weeks

## BUSH BEANS—WAX OR YELLOW POD VARIETIES

**Stringless or Refugee Wax.**—This new bean has become a favorite with the market gardener because of its hardy growth and enormous yield of tender, round stringless pods of excellent flavor which sell readily. Plant from April until September. Per pkt. 5c; per lb. 15c; by mail 25c per lb.; per 10 lbs. \$1.25; per 100 lbs. \$10.00.

**Our Golden Wax.**—Long, flat pod, rich golden yellow, stringless. This variety is so superior to other strains of Golden Wax that we have discarded all but this. Plant early in April to August. Per pkt. 5c; per lb. 15c; by mail 25c per lb.; 10 lbs. \$1.25; 100 lbs. \$10.00.

**Ventura Wonder Wax.**—Nearly all agree that this is a wonder indeed. Long flat pod, very prolific; bears early, and continues nearly all summer; or planted



Ventura Wonder

**Yellow Podded Six Weeks.**—This excellent bean is the most popular yellow podded variety with the market gardeners around Chicago. It is enormously productive, very early, seeds are the color and size of the green podded Six Weeks, but the pods are yellow and more fleshy and tender. It is very early and hardy. Planted August 28th the crop was ready to sell October 12. A little over six weeks. Pkt. 5c; 1 lb. 20c; by mail 30c lb. 10 lbs. \$1.50; 100 lbs. \$12.00.

**About Varieties.** It has been our ambition to acquaint ourselves with the varieties of vegetables that the market gardener wants. After several years of careful devotion to that purpose, we have learned that he requires sorts calculated to be more or less in season each month of the year, because the demand for table vegetables is constant the year round. If he is growing for shipping, his line will be quite different from that of the grower catering to the home market; if his location is in the frostless belt his selection of varieties will vary from those more adapted to lower altitudes. What is here said of the market gardener also applies to the general rancher planting field and fodder crops. Consult with us. We will advise you right.



## Pole Beans

(A Stringless Green Pod Pole Bean.)

**White Seeded Kentucky Wonder** soon will supersede all other green poded pole beans because of its merits.

The old well-known Kentucky Wonder was considered perfection in the way of a tender prolific bean. But the White Seeded Kentucky Wonder excells the other in being more prolific always four to six large beans on a stem. It is ten days earlier which means money to the gardener. It is less susceptible to rust and mildew than the Brown Seeded Kentucky Wonder. The seed is pure white which makes it a profitable commercial bean. Why raise the small white navy or the small Lady Washington when this will produce twice as many beans per acre as any of the others, and is as good as any commercial dry bean. Price, per pkt 5c;  $\frac{1}{4}$  lb. 10c; 1 lb. 20c; 10 lbs. \$1.50; 100 lbs. \$12.00; by mail 10c per lb. extra.

**Horticultural Pole.**—Short, thick, round pod, desirable as a string, shell or dry bean. Has long been a favorite and is well known. Plant in April. Per pkt. 5c; per lb. 15c; by mail 25c per lb; 10 lbs. \$1.00; 100 lbs. \$9.00.

**Kentucky Wonder.**—Long, round pod. This is the most popular Bean in Southern California, because here it grows to perfection; is, with the exception of the White Seeded Kentucky Wonder, far more prolific than any other variety, which, together with its other good qualities, make it the market gardener's delight. Plant from April to July. Do not plant later than July as it is very prone to rust during the months of August and September. Per pkt. 5c; per lb. 15c; by mail 25c per lb; per 10 lbs. \$1.00; per 100 lbs. \$9.00.

**Kentucky Wonder Wax Bean.**—It commences to bear when scarcely higher than the average bush variety, and keeps on producing until killed by frost. It is a rampant grower, one vine filling a pole with a mass of vines densely loaded with luscious beans. They are solidly meaty, entirely stringless, and when cooked deliciously rich and buttery. The seed is brown, closely resembling that of the Kentucky Wonder. Plant from April to August. Per pkt. 5c; per lb. 15c; by mail 25c per lb.; per 10 lbs. \$1.15; per 100 lbs. \$10.00.

**White Crease Back.**—This variety is especially valuable for its extreme earliness, and its habit of perfecting all its pods at the same time. Vines small but vigorous, and, in good soil, wonderfully productive, bearing pods in clusters from four to twelve. Pods medium length, silvery green, of the best quality as snaps and stand shipping better than most sorts. The seed is small, oval, very white, and hard. It is an excellent Bean to cook dry or to sell on the open market as the small white bean. Per pkt. 5c; per lb. 15c; by mail 25c per lb.; per 10 lbs. \$1.00; per 100 lbs. \$9.00.

**Lazy Wife.**—Pods grow from six to eight inches long, entirely stringless, of a rich buttery flavor when cooked; retain their tender, rich flavor until ripe; a good white shell bean for winter use. Per pkt. 5c; per lb. 20c; by mail 30c per lb.; per 10 lbs. \$1.15; per 100 lbs. \$10.00.

**Celestial or Cuban Asparagus Bean.**—A curiosity and good table Bean. Dark green foliage; pods over two feet long and very abundant. Per pkt. 25c.

**Scarlet Runner.**—Ornamental as well as a good table vegetable. Pkt. 5c; lb. 25c; by mail 35c. 10 lbs. \$2.00.

**Arbor Bean.**—See Novelty, Page 3.

**South Sea Island Bean.**—See Novelty, Page 3.



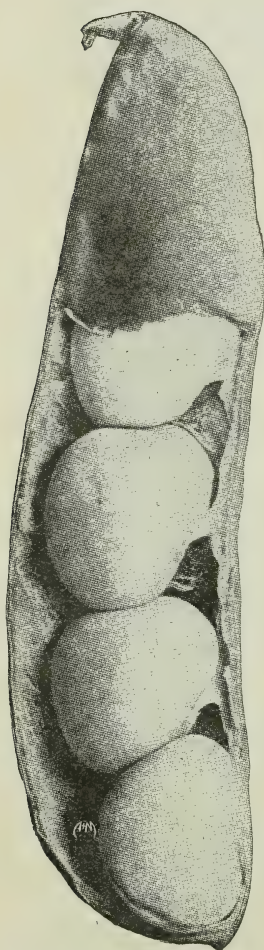
Kentucky Wonder Wax

## Limas, Bush Varieties

**Monstrous Bush Lima.**—See Novelty, Page 2.

**Burpee's Bush Lima.**—This bean has become very popular with the market gardener in all irrigation districts, because it is earlier and more easily grown. There are no vines in the way when irrigating and cultivating. It is enormously prolific, and keeps bearing a long time. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00; 100 lbs. \$9.00.

### Fordhook Bush Lima



Fordhook Bush Lima

In order to get the best results, plant two feet apart in rows four feet apart. The bush will grow to a height of two feet and cover a space four feet in diameter.

**Fordhook Bush Lima.**—Although this bean has been offered for several years, it is comparatively a new variety. It is an improvement over the well known bush Lima because it is more prolific. It is a strong grower, more resistant to blight, and is probably more profitable to grow for the market. It has received universal praise. We recommend it to our customers for both home and market gardens. Price, pkt. 5c; 1 lb. 20c; by mail 30c; 10 lbs. \$1.50; 100 lbs. \$12.00.

### Speckled Lima

It will produce an average of thirty sacks per acre. It is much better for table use as a butter bean than the common lima.

We heartily recommend it to all for a family garden bean. A very short row will furnish one family all the butter beans they can use. It should be planted March 15th to July 1st. You will then have this delicious bean on your table from July until December. Pkt. 5c;  $\frac{1}{4}$  lb. 10c; 1 lb. 25c; by mail 10c per lb. extra.

### Pole Lima

The Pole varieties of Limas are far more profitable to grow than the Bush varieties; what they lack in earliness they make up in late and continuous bearing.

They should be planted from April 1st until August 1st, except the Monstrous Lima, which should not be planted later than July 1st.

**The Skillman Lima.**—This bean has been the market gardener's favorite for five years. It is a cross between the Burpee's Bush and the Common Lima. It will produce nearly twice as many sacks per acre as the Common Lima. Lima Bean growers would do well to discard the Common Lima entirely and substitute the Skillman. Each year we carefully hand pick our seed stock, selecting only the true type of seed. There are no rattlers in the Skillman. Price, per pkt. 5c; per lb. 15c; by mail 25c; 10 lbs. \$1.00; 100 lbs. \$9.00.

**Large White Lima.**—One of the best shell beans, either green or dried. Very prolific; pods large. Per lb. 15c; by mail 25c per lb.; per 10 lbs. \$1.00; per 100 lbs. \$9.00.

**King of the Garden.**—Very prolific; large and desirable both for the home garden and for the market gardener. Per lb. 15c; by mail 25c; per 10 lbs. \$1.00; per 100 lbs. \$9.00.



## Table Beets

**Crimson Globe.**—See Novelty, page 5.

**Culture.**—Sow all the year round in drills twelve inches apart, thin out to three inches apart in the rows or sow in plant-bed and transplant to any convenient spot in the garden. Water well once a week, keep the ground loose and the weeds out.



**Crosby Egyptian Beet**

**Eclipse.**—Is a favorite for the family garden, very sweet, tender and of fine texture. Pkt. 5c; cz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

**Extra Early Egyptian.**—The market gardener's favorite. On account of its beautiful appearance and excellent flavor you should plant no other. Ours is imported seed, which guarantees it to be superior quality to the California grown. Pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 25c; lb. 75c.



**Extra Early Egyptian**

**Early Blood Turnip.**—Of large growth. Flesh very tender, and retains its blood-red color when cooked. Per pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 25c; per lb. 75c.

**Long Dark Red Blood.**—Smooth, growing to good size; color dark-red; top small, of upright growth. Per pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 25c; per lb. 75c.

**Crosby's Egyptian.**—A dark globe-shaped Beet; tops short and inclined to be red. A good Beet for the home garden. Price per pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 30c; per lb. 90c.

### OUR BASSANO

Our Bassano Beet excels all other varieties for table use. Its delicious flavor, entire absence of fibre, smooth symmetrical shape, and small root puts it in a class by itself for all-round good qualities. The market gardeners have recognized this for years, and will have no other. Price, Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.00.

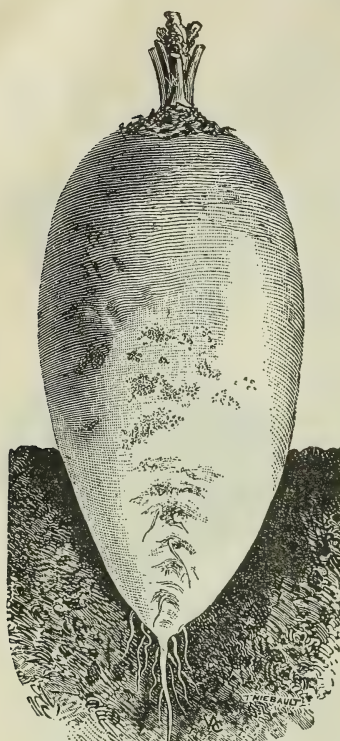
**Detroit Dark Red.**—This is an ideal beet for all purposes. It cannot be excelled for the table; free from all fibre, and very sweet. It is the best of all for pickling. Even the tops are good when pickled. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; 1 lb. 90c.



**Our Bassano**

A word from North Carolina:—"The seed I purchased from you have proven satisfactory. My beet crop looks fine; I am well pleased with all the seeds I purchased of you. They are giving good results."

D. L. COOPER,  
Stoley, North Carolina.



Half Sugar Rose Beet

## STOCK BEETS

**Culture.**—May be sown from October to May in drills two feet apart. Thin out to stand half foot apart in rows. Keep well cultivated; 8 lbs. of mangle, or 10 lbs. of sugar-beet seed will plant an acre.

### HALF SUGAR ROSE BEET

A distinct type of Sugar Beet, producing not only a good crop, but roots of giant size and richest feeding quality. It has yielded 55 tons of clean roots per acre,  $3\frac{1}{2}$  tons per acre more than the heaviest producers of other sorts on the list. They have a small, clean top, and are easily trimmed. The roots are heavy, clean shaped, holding their size to the ground, when they gradually taper to a point, stand upright, and three-fourths their length out of ground. They are so easily harvested that they may be turned out by a push of the foot. The color of the roots are bronzy green nearest the top, the body a light green shaded and changing to a bright rose, above ground, the tip a lighter shade of rose. The flesh is white, solid, tender and very sweet, and imparts a rich, pleasant flavor to dairy products, when fed to milch cows. Our Half Sugar Rose is the heaviest cropping Sugar Beet known to us, and the most profitable Stock Beet to grow. Price, per lb. 25c; 10 lbs. \$2.00. Postage 10c extra. For large quantities write for price.

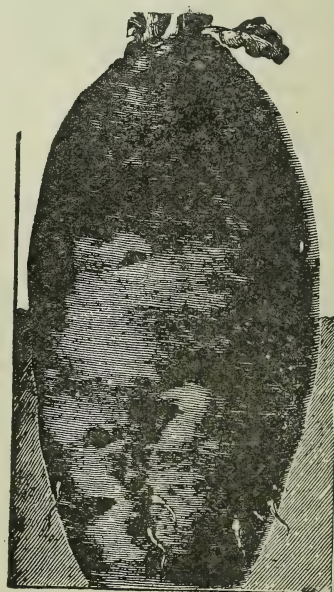
**Mammoth Long Red Mangel.**—The largest Stock Beet. Yields 30 to 40 tons to the acre. Will grow in land containing more alkali than any other beet. All stock except horses eat it readily. Per lb. 25c; by mail 35c; per 10 lbs. \$1.75. For larger quantities write for price.

**Golden Tankard Mangel.**—Contains more sugar and less water than any other mangel. Rich in milk-producing qualities, hence a favorite with dairymen. Horses will eat it. Per lb. 25c; by mail 35c; per 10 lbs. \$2.00. For larger quantities write for price.

**Lane's Imperial Sugar.**—The heaviest cropping Sugar Beet, and very profitable for stock farmers. Per lb. 25c; by mail 35c; per 10 lbs. \$2.25. For larger quantities write for price.

**Remember**—A supply of seed is limited to the crop produced and we are likely to be sold out of many things as the season progresses. We cannot urge you too strongly to order early.

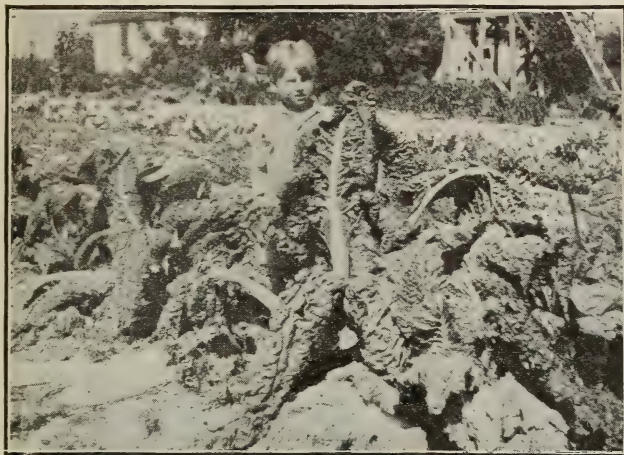
Owing to the excessive rains the European crop of beet seed is less than fifty per cent.



Golden Tankard Stock Beet



## White Swiss Chard



A Row of White Swiss Chard  
your hens. Per pkt. 5c; per oz. 10c; per  $\frac{1}{4}$  lb. 25c; per lb. 75c.

## Broccoli

**Culture.**—Treat same as Cauliflower.

**Early Purple Cape.**—Resembles the Cauliflower, but is hardier and more easily grown. Heads purplish-brown in color, always close and compact. Fine flavor. Per pkt. 10c; per oz. 30c.

**Large White.**—Tender and delicious flavor. Every home garden should include this. Pkt. 5c; oz. 30c.

## Brussels Sprouts

**Culture.**—Treat same as Cabbage.

**Dwarf Improved.**—Produces on the stem compact sprouts resembling miniature cabbages. A delicious vegetable; always commands a high price, because of its scarcity. Per oz. 15c; per  $\frac{1}{4}$  lb. 50c; per lb. \$1.50. Prepaid.

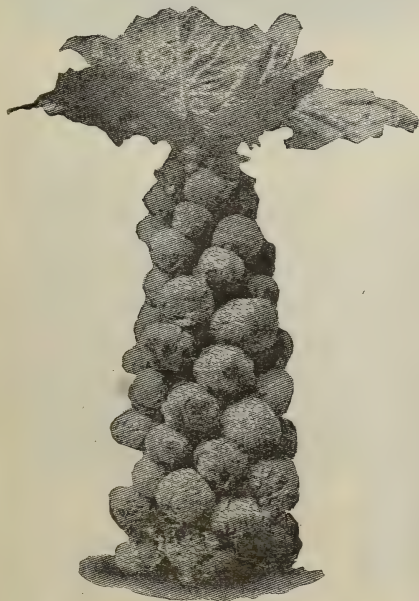
### A. & M. MATCHLESS

The increasing demand for this delicious vegetable of the cabbage family has spurred us on to look for something better than has hitherto been offered on this market. We have succeeded in securing a medium dwarf variety that bears larger heads, and every joint a head. Be sure to ask for the Matchless. Price, per pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.50. Prepaid.

### A. & M. Matchless Brussels Sprout

Our seeds can be depended upon to grow because they are carefully tested before being offered for sale.

Our seeds are the best that grow because they are planted and grown especially for us, and we get the best of the crop.



## Cabbage

**Culture.**—The secret to grow hardy plants is to thoroughly prepare the soil in the plant bed. Loosen the soil to a depth of eight or ten inches, pulverize the surface well. Sow in drills, not too freely, about one-half inch deep, press the soil firmly over the seed; this is important. In about six weeks transplant in rows three and a half feet apart, one foot in the row for Winningstadt, eighteen inches for large-heading varieties. Keep the crop well watered, and cultivated, for when growth is checked the seed head matures and bursts forth as soon as moisture is again applied. This accounts for much cabbage going to seed.

**A. & M. Early Drumhead.**—The best early. See page 4.

**Chinese Cabbage.**—See page 4.

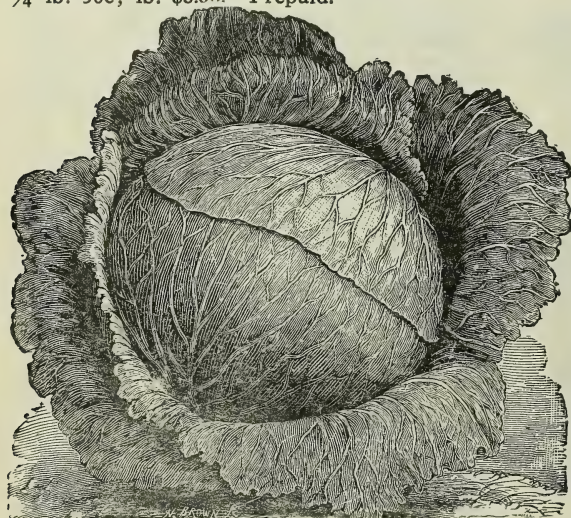
**Early Winningstadt.**—See Novelty, Page 4.



**Improved Red Drumhead Cabbage**

**All Seasons.**—The heads are extremely hard and solid, round, flattened on top, and ready to market nearly as early as Early Summer, while considerably larger in size. It is called "All Seasons," because it is as good for autumn or winter as for early summer. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Prepaid.

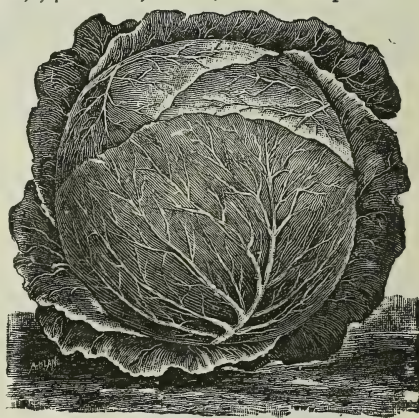
**Hollander.**—Is one of the best of all the hard heading varieties. The heads are thick, round, of medium size and as solid as a rock; of good flavor and heads well in our winter climate. It is a desirable sort for our gardeners. Price, per pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00. Prepaid.



**Autumn King**

**American Drumhead Savoy.**—The best of all the Savoys. Short stump, large size, solid. Per pkt. 5c; oz. 20c; per  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Postpaid.

**Improved Red Drumhead.**—Heads round in shape, of deep color and remarkably hard and solid. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Postpaid.



**Holland Cabbage**

**Premier Large Late Flat Dutch.**—The standard sort for late crop. A large, sure header. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Prepaid.

**Henderson Early Summer.**—A good medium-sized early flat head, very desirable for the table. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Prepaid.

### Autumn King

For three years this Giant Cabbage has astonished all who have seen it at the market. Heads weighing from forty to fifty pounds are not uncommon. It is tender, and of excellent mild flavor, ideal for sauerkraut, and it will yield more tons of good cabbage per acre than any other variety.

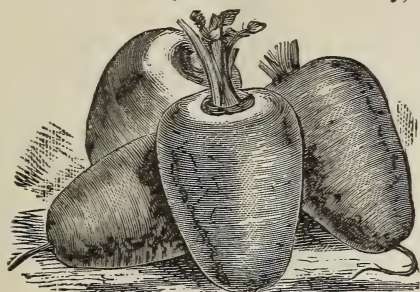
Price—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Prepaid.



## Carrots

**Culture.**—May be sown all the year round. Till the soil deeply and manure heavily. Cover seed from one-half to one inch in depth. Sow in drills 15 inches apart, and thin out to four or five inches apart;  $2\frac{1}{2}$  pounds of seed will sow an acre;  $\frac{1}{2}$  ounce to 100 feet of drill.

**A. & M. Early Gem.**—See Novelty, Page 6.



Oxheart Carrot

**Danvers.**—The roots are smooth and of a rich, dark orange color. One of the best sorts for a main crop. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Postpaid.

**Chanteney.**—Flesh a deep golden orange color. Always smooth and fine in texture, very tender. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Postpaid.

**Improved Long Orange.**—A deep orange colored variety equally adapted for farm or garden culture. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c. Postpaid.

**Large White Belgian.**—Is raised exclusively for stock. Grows to a very large size; is easily gathered. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c; 5 lbs. \$2.50. Postpaid.

**Large Yellow Belgian.**—Is similar to the above, but a light orange color; said to be richer. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c; 5 lbs. \$2.50. Postpaid.

**Half-Long Giant White.**—The largest of all stock Carrots, and desirable because it does not grow to a great depth, and although six inches in diameter, there is no hard core. Price, pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 60c; 5 lbs. \$2.50. Postpaid.



Carrot  
French Forcing



Los Angeles Public Market

The largest market place in the world. More than one thousand teams assembled here.

Do not fail to see it when you come to Los Angeles.

## Cauliflower

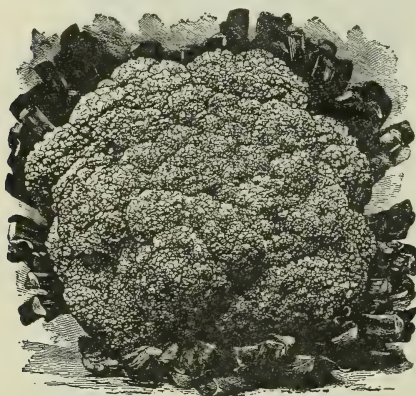
Cauliflower is grown in large quantities. Southern California ships five hundred cars annually from November to April during each season, and the returns are of a very satisfactory nature. The industry is on a solid basis and growing each year.

Do not plant Cauliflower seed earlier than July 1st in Southern California, as the hot weather in September is almost sure to destroy any Cauliflower that is advanced so far as to begin heading.

**Culture.**—Prepare the soil as for Cabbage. Seed may be sown from July to the following April. Transplant when the plants are six to seven weeks old. When the stems have become hardened in the bed they will be likely to head prematurely. Set out the plants two feet by fifteen inches apart. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of its growth, and go to seed; hence, irrigate freely. One ounce of seed produces 2000 plants, five ounces to the acre.

**Our Extra Early Snowball**—See Novelty, page 6.

**Henderson Early Snowball.**—This is the best early variety; planted July 1st; matures about December 1st; heads of medium size, pure white and delicious. Price per pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50  $\frac{1}{4}$  lb. \$8.00. Postpaid.



California Mammoth Cauliflower

**California Pearl.**—For further description see Novelty page 6.

**Improved Algiers.**—Next to California Pearl this is probably the best late variety. It should not be planted until July 15th in Southern California, as it will not head up well until the cold weather of January or February. Price, per pkt. 10c; oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50. Postpaid.

**California Mammoth.**—Is the largest variety grown anywhere in the world. It is not uncommon to attain 16 inches in diameter, while 10 and 11 inches is the average; too large for eastern shipment. It is of California origin and the seed is grown locally. Per pkt. 10c; oz. \$1.75;  $\frac{1}{4}$  lb. \$5.50. Postpaid.

**Autumn Giant.**—Heads large, firm and compact, thoroughly protected by foliage. Per pkt. 10c; oz. 80c;  $\frac{1}{4}$  lb. \$2.25. Postpaid.

**Holland Early Erfurt.**—The first early and one of the very best for market. Pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50;  $\frac{1}{4}$  lb. \$8.00. Postpaid.

### DRY WEATHER CAULIFLOWER

Last season we gave this Cauliflower a trial. We planted the seed Feb. 15th, and although the plants suffered on account of insufficient water, by Sept. 1st there was ninety-two per cent of perfectly headed Cauliflower. It surely is the best variety we know of to produce a summer and autumn Cauliflower for the market or garden. We recommend it to all. Price, pkt. 25c;  $\frac{1}{4}$  oz. 75c; oz. \$2.50;  $\frac{1}{4}$  lb. \$8.00. Postpaid.

### A GOOD WORD

On October 1st we mailed 5000 letters to customers, requesting them to state if the seeds purchased of us have proven satisfactory. Over eighty per cent of the letters were answered. Every reply was complimentary; some expressed great pleasure over the extraordinary results. Not one reply expressed displeasure or disappointment. Here is one from Sonoma County, Cal.: "The Monstrous Lima, Kentucky Wonder, and Speckled Lima Beans, Lemon Cucumber, Estampes Pumpkin, Italian Squash, Oregon Evergreen Sweet Corn I purchased from you last season astonished my neighbors. They were hummers. Please send me your new catalog and oblige."

J. D. WILLIAMS.

**NOTICE.**—It is cheaper and safer to send all packages above five pounds by express. We will therefore send all packages above five pounds by express unless you request it sent by mail in order that it may be delivered at your home.



## Celery

**Culture.**—Sow the seed in February, in drills twelve inches apart, not too thick in the row to secure stalky plants. In June when the plants are strong, transplant to furrows four feet apart and six inches deep. Set the plants six inches apart in the furrows, as the plant grows fill the earth toward the plant to secure proper bleaching.

**Dwarf White Plume.**—This seed is imported from France and grows twelve to fifteen inches high almost entirely white during its entire growth. It is very crisp. On account of its earliness it is desired for first planting. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$4.00. Postpaid.

**Pink Plume Celery.**—The "Pink Plume" is practically identical with "White Plume," but with the added merit of the stalks being diffused with pink. Pkt. 6c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00. Postpaid.

**Dwarf Golden Heart.**—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50.

**Giant Pascal.**—It is a green top, much superior to the California green top. It is a great favorite in the eastern gardens. Price, per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00. Postpaid.

**Flavoring Celery.**—Per. lb. 35c;  $\frac{1}{2}$  lb. 20c. Postage extra.

**Large, Smooth Prague Celeriac.**—A large Celery flavored root used extensively for flavoring soups, pickles, etc.; also relished sliced as a salad with pepper and vinegar. It is also used to flavor chicken and potato salad. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00. Postpaid.

### CELERY—California Giant White Plume

We have now the grandest strain of White Plume Celery ever offered to the market gardener. Two years ago we first sold this strain, and the cry came from the peat lands of West Adams street that it was too large. It was indeed a curiosity to all visitors to the market, as you will believe when you know a bunch of 12 stalks weighed 64 pounds, was solid and crisp with a decidedly salty flavor derived from the alkaline soil in which it was grown. On the peat lands of West Adams street it attains its highest perfection and is superior to celery grown anywhere in the world. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 85c; lb. \$3.00. Postpaid.

### GOLDEN SELF BLANCHING

#### (California Grown Seed)

This is proving to be highly satisfactory. It grows larger stalks than the imported seed, but does not blanch as perfectly which is not a fault, but somewhat in its favor because frost does not damage it so readily. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50. Postpaid.

### PARIS DWARF GOLDEN SELF BLANCHING

This is the variety so extensively grown in the peat lands of Orange County for the Eastern market. It withstands the cold winters much better than the White Plume variety. It is a nice size for crating, and its rich golden yellow makes it desirable for the market. Our seed is imported and has given entire satisfaction the past eight years. Price, pkt. 10c; oz. 75c;  $\frac{1}{4}$  lb. \$2.50 Postpaid.



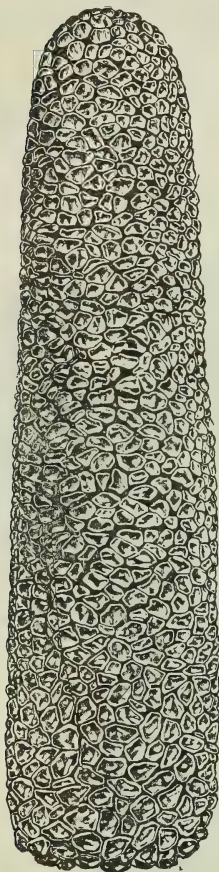
Dwarf Golden  
Self Blanching Celery

## Sweet Corn

**Our Oregon Evergreen.**—See novelty page 7.

**A. & M. Early Adams.**—See novelty page 7.

**Country Gentleman.**—The most delicious of Sweet Corn. The ears are somewhat smaller and less showy than the coarser varieties, but for private family use, where quality is preferred to size, it has no equal. The cob is very small, giving great depth to the kernels. The great merit of "Country Gentleman" is its fine quality. Time of ripening a little later than Stowell's Evergreen. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.25. Write for quantity.



Country Gentleman  
Corn

**Adams Early.**—The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a sweet corn; white indented grains and short ear. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity price.

**Large Adam's.**—This is the best variety to plant in July and early August for late crop. In order to supply the local demand for this variety we have had to secure a special contract to grow it. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity prices.

**Stowell's Evergreen.**—If planted at the same time with earlier varieties and at intervals of two weeks, it will keep the table supplied until October. It is hardy and productive, very tender and sugary, remaining a long time in a fresh condition suitable for cooking. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity prices.

**Early Minnesota.**—An excellent Sweet Corn of extra early habit. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity prices.

**Early Crosby.**—Second early. Remarkably productive grower with good-sized ears. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity prices.

**Early Mammoth.**—Produces larger ears than any other sort. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity prices.

**Late Mammoth.**—One of the finest varieties for mail crop. Good quality, very productive. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00. Write for quantity price.

**Black Mexican.**—One of the best Sweet Corns for this section. Deliciously sweet and tender, and very productive. Per pkt. 5c; lb. 20c; by mail 30c; 10 lbs. \$1.25. Write for quantity price.

**Golden Bantam.**—Probably the very earliest variety grown. Very sweet, none better for the home garden for first early. Per pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.25. Write for quantity price.

**Zig Zag Evergreen.**—An excellent sweet corn, about the size and earliness of the Stowell's Evergreen, with grains irregular as in the Country Gentleman. Pkt. 5c; lb. 15c; by mail 25c; 10 lbs. \$1.00.

**Hints to the Market Gardener.**—Plant Early Adams, February 1st. Plant Oregon Evergreen every two weeks from March 1st until July 1st. From July 1st until August 15th plant Large Adams. For the home garden plant Country Gentleman every two weeks from March 1st to August 1st.

For Field Corn see Field and Fodder Plants.



## Chayote



Chayote Vine

the plant started, we have them already rooted. Should the plant be frosted or destroyed to the ground, it will send forth new growth. **Price per Chayote 15c; by mail 25c; rooted 20c; by mail 30c.** Ready about March 1st.

## Chicory

**Large Rooted.**—The roots, dug in the fall, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. Seed should be sown quite thinly in shallow drills early in the spring. When well started, thin out to stand two or three inches apart in the row, and give good cultivation all summer so that the roots may grow as large as possible. **Per oz. 10c; ¼ lb. 35c. Postpaid.**

## Cress

**Culture.**—Sow curled or pepper grass thickly, in shallow drills, every two or three weeks. It should be cut often, and it will continue to grow. It is used not only for salad, but for the breakfast table and for garnishing.

**True Water Cress.**—Should be sown in damp soil; or if a stream of water can be utilized, they would be much finer. They will also thrive well in damp hotbeds. Rightly managed, their culture is very profitable. To obtain early salad it is a good plan to sow with Water Cress a strip 4 inches wide on the margin of the hotbed, inside the frame, where it is always cool. **Per pkt. 10c; oz. 35c; ¼ lb. \$1.00; 1 lb. \$3.50. Postpaid.**

**Pepper Grass.**—Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c.

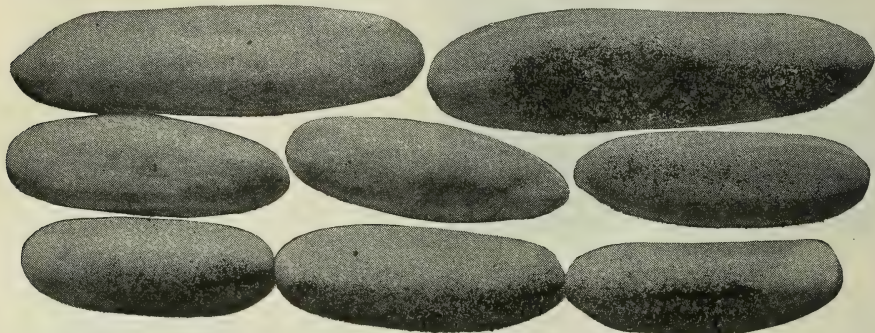
A Pile of Davis Perfection Cucumbers



An Actual Photograph Taken by J. J. Swartzbaugh, Who Grew Them

## Cucumbers

**Culture.**—Plant from March to September in hills 4 to 6 feet each way, 8 to 10 seeds in a hill. Cover half an inch deep. When danger of insects is past, thin out the plants, leaving five or six of the strongest in each hill. One ounce of seed will plant 50 hills; two pounds to the acre.



Showing Comparative Sizes

Upper Row—Davis Perfection. See page 5.

Middle Row—Klondike.

Lower Row—Arlington White Spine.

**Long White Spine.**—(Sold also in one lb. sealed package). Is one of the best varieties for the table or for the gardener. Its beautiful dark green color and long, symmetrical shape, together with its good flavor and crispness, makes it one of the most desirable. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.75.4 Postpaid.

**Klondike.**—(Sold also in one lb. sealed package.) We first catalogued this Cucumber two years ago, with the result that it proved highly satisfactory. It is very similar to the Long White Spine. Many gardeners insist that it is better. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.75. Postpaid.

**Arlington White Spine.**—This is the favorite for early forcing outdoors. Grown side by side with our Improved White Spine, the Arlington proved to be fully two weeks earlier, more uniform in shape, and brought the highest price on the market. Our stock is very reliable. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.75. Postpaid.

**Improved Long Green.**—Dark green, firm and crisp, 12 to 16 inches long. Very extensively grown. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.75. Postpaid.

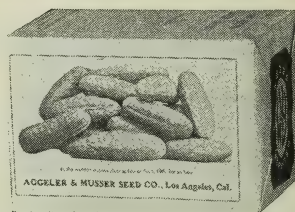
**Chicago Pickling.**—This is without doubt the best variety for pickling on account of its fleshy crisp and excellent flavor and productiveness. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**Nicol's Medium Green.**—The young fruit is symmetrical in shape, deep in color and very crisp. An excellent variety for pickling. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00. Postpaid.

**Gherkins.**—For pickling. Pkt. 5c.



Long White Spine



Klondike



Chicago Pickling Cucumber



## Endive

**Culture.**—Seed may be sown any time during the year. When plants are well started, thin out to ten inches apart to the row, or they may be transplanted to fresh rows. When plants have reached a good size, gather the leaves closely together and tie loosely in an upright bunch. This bleaches the inner leaves in about ten days and adds to the crispness as a salad, as it renders the flavor mild and delicate. One ounce will sow 100 feet of row; three pounds will plant one acre of land in rows three feet apart.

This plant furnishes an attractive and appetizing salad for the fall and winter months, or by repeated sowings supply may be had nearly all the year round.



Green Curled Endive

**Green Curled.**—Leaves finely cut or lacinated, giving the plant a rich, mossy appearance, which is greatly enhanced when the centers are nicely blanched. This is the variety generally preferred by market gardeners because it blanches to a beautiful golden yellow. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25. Postpaid.

**White Curled.**—This beautiful variety does not need blanching to prepare it for use, the midribs being naturally of a pale golden yellow and the finely cut and curled leaves almost white. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.50. Postpaid.

**Batavian or Escarol.**—Forms large heads of broad, thick leaves, which can be blanched as a salad or make excellent cooked greens, as well as being useful to flavor soups, stews, etc. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25. Postpaid.

## Egg Plant

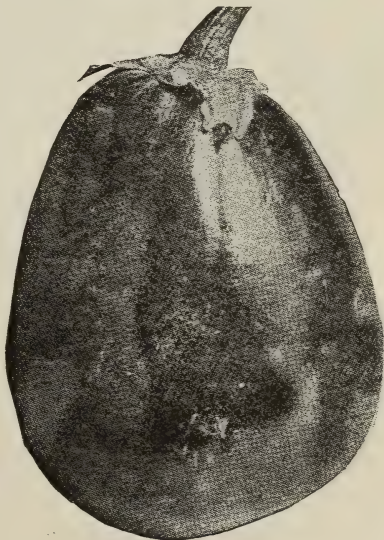
**Culture.**—Egg Plant seed germinates slowly and should be started in a strong heat. The soil should be one part leaf mold and one part sandy loam. It is important to secure a rapid and continuous growth. Set thirty inches apart, pinch off the larger leaves when transplanting.

**Improved Large Purple.**—This variety has superseded all others, both for market and home use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable for the market gardener. It is spineless, which is a great advantage in shipping. Per pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50. Postpaid.

**Black Beauty.**—Fruit large, symmetrical in shape and uniformly of a rich, dark purple color. Fruit matures a little earlier than our Improved Large Purple, but are not quite as large. Per pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00. Postpaid.

**The Tree Egg Plant.**—This variety attracts attention wherever grown. It is of medium size and extremely good shape, being particularly adapted to slicing, as there is no waste of material. It resists drouth and bad weather to a wonderful degree, partly on account of its strong, upright growth. It bears its eggs or fruit sometimes one or two feet above the ground, thus escaping liability to rot. Per pkt. 15c; oz. 60c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00. Postpaid.

**NOTICE.**—Although frost may destroy the plant to the ground, it will sprout again from below the surface of the ground and produce an early crop the second season. Do not destroy your field because it has been frosted.



Tree Egg Plant

## Gourds

**Culture.**—Gourds are tender annuals, of trailing or climbing habit. The seed should not be planted until the ground is warm. Plant in hills and cultivate as cucumbers. Leave only three or four plants in a hill, and allow the vines to ramble or train over a trellis.

**Dish Rag Gourd.**—The peculiar lining of this valuable gourd gives it its name. The fruit grows about two feet long. The interior membrane is serviceable for a variety of household purposes, being used as a dish cloth, or sponge. The fibre is tough, elastic and durable. Start seed under glass in the North. **Per pkt. 10c.**

**Orange or True Mock Orange.**—A good old sort, the fruit often finding its way into the family sewing basket. A beautiful and rapid climber, quickly covering trellises. Fruit the size and shape of an orange. **Per pkt. 5c; oz. 15c.**

**Dipper.**—A well-known and useful gourd. When grown on the ground the stem is much curved; but on a trellis the weight of the fruit makes the stem or handle straight. This gourd is very much in demand. **Per pkt. 10c; oz. 25c.**

**Hercules Club.**—The largest of all gourds; sometimes attains a length of three and one-half feet. **Per pkt. 10c.**



Dish Rag Gourds

## Herbs

### Pot, Culinary and Medicinal

Herbs in general, delight in a rich, mellow soil. Sow the seed any time throughout the year, in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches, thin out to proper distances apart, or transplant into prepared beds. Care should be taken to harvest properly; do this on a dry day, just before they come into full blossom. Dry quickly in the shade, pack closely in bottles or dry boxes to exclude the air; this will insure their being preserved in good condition for future use. Varieties in the list marked \* are perennials.

**Dill.**—This Herb is used in large quantities in the making of Dill Pickles; also for flavoring vinegar. The seed has medicinal properties as well. **Per pkt. 5c; oz. 10c; ¼ lb. 20c; lb. 50c.**

**Sage.**—Sow in rich ground and thin out the plants to stand 16 inches apart. Cut the young shoots when flowers open, and dry in the shade. Used for flavorings and dressings in many ways. A good supply is always needed. **Per pkt. 5c; oz. 15c; ¼ lb. 40c; lb. \$1.35.**

**Dandelion.**—Very early, leaves of which make wholesome greens. Sow in May or June. Cultivate during summer and following spring the leaves will be fit to cut. **Per pkt. 10c; ½ oz. 35c; oz. 65c.**

### Other Leading Varieties

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	5c	10c	*Lavender, Sweet .....	5c	10c
*Balm .....	5c	15c	Peppermint .....	10c	...
Borage .....	5c	10c	*Rosemary .....	5c	25c
Burnet .....	5c	10c	Saffron .....	5c	10c
*Caraway, lb. 50c .....	5c	10c	Summer Savory .....	5c	10c
*Catnip or Catmint .....	5c	40c	Sweet Basil .....	5c	10c
Chervil .....	5c	10c	Sweet Marjoram .....	5c	15c
Coriander, lb. 50c .....	5c	10c	*Thyme .....	5c	25c
Dill .....	5c	10c	*Winter Savory .....	5c	15c
*Fennel, Sweet .....	5c	10c	*Wormwood .....	5c	20c

Plants of Sage, Lavender, Mint and Tarragon 10c each.

From Mrs. L. R. Fink, New Ulm, Austin County, Texas:—

"Your seeds have proven satisfactory and splendidly adapted to this soil and climate. Extreme drouth and late planting prevented the Casabas from doing well, but I shall try them again next season."

From Mrs. Ben. R. Clark, Solomonville, Arizona:—

"Your seed always proved satisfactory and I prefer them for this locality to any others."





Kale

## Kale

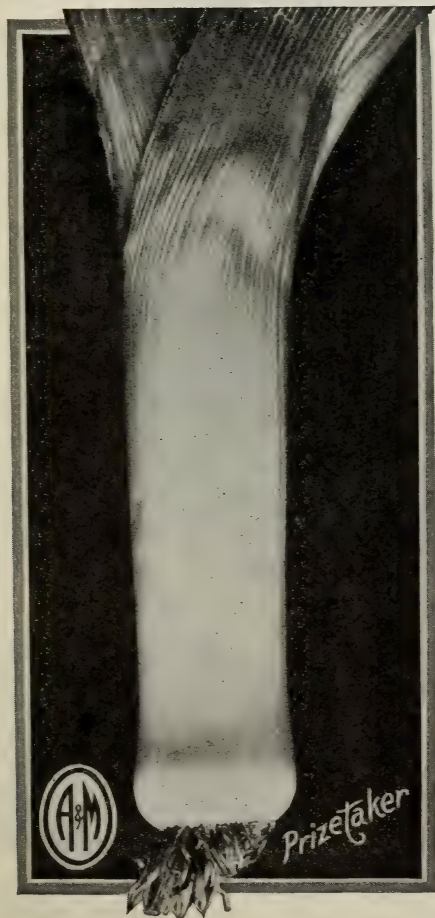
**Culture.**—Seed should be sown thinly in drills about the middle of June for the tall sorts, transplanting the young plants to rows three feet apart in the field when of sufficient size. Later in the season the dwarf sorts may be sown rather thickly in drills or broadcast to furnish small heads to be cooked like spinach during the winter months. One ounce to 100 feet of drill.

**Dwarf German Kale.**—German Green or Sprouts (Dwarf Curled Scotch Kale.) The leaves are curly, bright green, very tender and delicate flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Tall Green Curled Scotch.**—This makes a beautiful plant, about two and a half feet tall. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Jersey Kale.**—A tall variety with smooth leaves. Especially used for feeding chickens. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; 1 lb. 60c. Postpaid.

**Thousand Headed Kale.**—Excellent for the table and for poultry greens. Pkt. 5c; oz. 15c.



## Kohl Rabi

**Culture.**—Plant and treat like cabbage. Seed may be sown from July to following April. An ounce of seed will produce 2,000 plants.

**Early White Vienna.**  
—The earliest sort, very tender, excellent for table use. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Postpaid.

**Early Purple Vienna.**  
—Similar to above, but has flesh of purple color. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Postpaid.



Kohl Rabi

## Leek

A. & M. Prizetaker

We believe in having the best of everything. With this idea always before us, we have secured this fancy strain of leek. It is large, white, tender and mild. The best in the world.

Price—Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00. Postpaid.

# Lettuce

## Curled Leaved Varieties

**Culture.**—Lettuce can be sown all the year round. All varieties attain their highest perfection during the months from November 1st to May 1st. It requires about three and one-half months from seed to maturity. Smooth leaved varieties seem to head better during the summer months, than the curled varieties. To attain the best results, Lettuce requires a very loose, rich loamy soil. Planted in double rows, about 18 inches apart, 10 inches apart in the row. Irrigate not less than once a week during the dry season. Be sure to cultivate after each irrigation.

**Marblehead.**—See novelty page 8.

**New York Special.**—See novelty page 8.

**New York.**—Darker green than New York Special with heads more rounded and leaves curled above the head affording protection against frost. It is the best variety to plant in October and November. Price, pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.20; 5 lbs. \$5.00. Postpaid.

**Wonderful Lettuce.**—Is deservedly the most popular Lettuce on the Los Angeles market. It is large, crinkly and of delicious flavor; dark green foliage, but blanched



Wonderful Lettuce

heart. This variety should be grown in winter time only. Sow the seed any time from October 1st to February 1st. At great care and expense we have secured an ample supply of the very best strain of this seed. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Iceberg.**—Large curly leaves of bright, light green, with a very slight reddish tinge at the edges. Delicious flavor. This is the best variety for a summer crop. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; 1 lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Prizehead.**—This excellent Lettuce deserves to be more popular. It has no superior. Its lack of popularity is due no doubt to the tinge of red on the edge of the leaves. Having tried it once, you will have it again. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; 1 lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**Black Seeded Simpson.**—This is a very popular variety as a loose leaf lettuce. The leaves are large, thin, very tender, and of very good quality. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; 1 lb. \$1.00; 5 lbs. \$4.50. Postpaid.



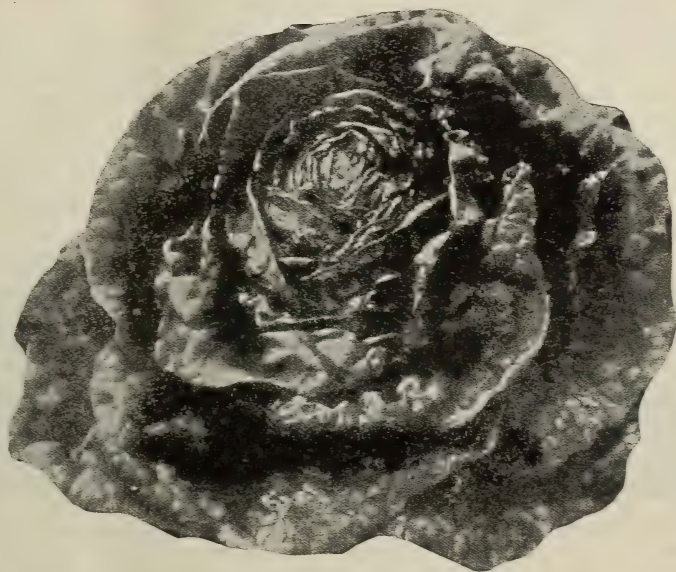
## LETTUCE—Continued

**Hanson.**—Similar to the Iceberg, without the tinge of red. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Denver Market.**—One of the largest of the curled leaved varieties. Heads are not solid, but of very excellent flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

## Smooth Leaved Varieties

**California Cream Butter.**—This Lettuce has become the most popular of all smooth leaved varieties. It is the best for shipping. One gardener sold from one-half acre of this Lettuce nearly three hundred dollars' worth. It is of good flavor and beautiful in appearance. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.



Big Boston

**Tennis Ball.**—Similar to the California Cream Butter, except in size and without the tinge of red. It forms a solid head and is best for early spring. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**Deacon.**—Firm, a very large head; leaves slightly crimped, very crisp. A great favorite on the St. Louis market. Not new, but always satisfactory. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**May King.**—The best of all smooth-leaved varieties; color light green; very tender and buttery. It is a sure header in the hottest season. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.



Trianon Cos Lettuce

**Big Boston.**—A very large and desirable variety. The leaves are slightly tinged with red. A great favorite in the Philadelphia market. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**Paris White Cos.**—Upright, crisp and tender. Cos Lettuce are becoming deservedly popular, and should receive the attention of market gardeners. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

Another from Texas:—"The seeds purchased of you have proven satisfactory as to their germinating qualities, purity, and adaptability to this climate. I am always proud to recommend your seed.—Wm. H. Parker, Fort Worth, Texas."

**Corn Salad.**—Excellent for greens. Pkt. 5c; oz. 15c.

## Casabas

The delicious Casaba is becoming more popular each year. On the cover page of this catalog we have illustrated in natural colors the various varieties that are the best. Each one is distinct from the others, and require different handling. In describing each one, we give instructions as to time of planting and handling.

See Cover Page for all Casabas in natural colors.

**A. & M. Improved Hybrid (The Prince of All).**—See Novelty page 10.

### GENOA CASABA, or Italian Winter Melon

Plant April 1st to June 15th. This is the winter melon that has made Italy and Spain famous. The American Consul at Madrid recommended the melon to the Department of Agriculture at Washington. All tourists returning from Southern Europe speak of this melon as a midwinter fruit worth the expense of the trip to enjoy eating thereof. Pick it when the yellow shows through the green, giving the melon a dull gray color. Keep in a cool, dry place until slightly soft; then it is delicious. It attains perfection anywhere in the Southwest. Seems to do better on damp land. **Price**—Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 90c; 1 lb. \$3.00. **Postpaid.**

**A. & M. Santa Claus.**—The name is appropriate to this Melon. You can send nothing more delicious to your eastern friends for a Christmas present. The rind has the appearance of the mottled Pomegranate Muskmelon. The shell is hard and about one-eighth of an inch thick. There is no seed cavity. The seeds are embedded in a jelly-like pulp. The light green flesh is absolutely stringless. Its flavor excels anything in the melon line; it is in a class by itself. Plant April 1st to June 1st. Pick when the green turns to bright yellow. Put away until slightly soft.

**Prices**—Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50; 5 lbs. \$11.50. **Postpaid.**

**Golden Beauty.**—Similar in all respects to the well-known Winter Casaba except that it has a beautiful golden yellow color even before it ripens. Its beautiful color commands a ready sale. The grower and propagator says that in a mixed load of Casabas, the buyers always selected this strain as long as there was any on the wagon. Plant April 1st to August 1st. Pick when bright yellow and put away until slightly soft. Many of them will keep until March.

**Price**—Pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50; 5 lbs. \$11.50. **Postpaid.**

**A. & M. Hybrid Casaba.**—This excellent Casaba grows to large size. Flesh nearly three inches thick and of excellent flavor. Many of you who have visited the market during the months of October and November must have noticed the melon and the fancy prices paid for it. Only a few growers had it in large quantities and they sold for \$2.50 a crate, while in January it sold for \$2.50 a dozen for smaller sizes. It is a rampant grower, a large yielder and bears up until killed by frost. The best time to plant is in June and July, and do not market them until well ripened. The increased demand for this melon will insure it a profitable late crop. **Price, pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00; 5 lbs. \$9.00. Postpaid.**

**Winter Pineapple.**—This is the first of the Casabas introduced into America and is the parent of a number of hybrids all of which excel it in excellence of flavor, but none equal it in keeping qualities. **Price per pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00; 5 lbs. \$9.00. Postpaid.**

**White's Favorite.**—A summer Casaba of delicious flavor. In strong demand before the other Casabas appeared on the market. Should be sown early and marketed the same as muskmelon. **Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.**

**White African.**—This delicious Melon is very popular in the South of France. It is an excellent keeper, and must be harvested before it is ripe. If properly cared for it will readily keep until January. It is a delicious Melon is properly grown and harvested, but must not be allowed to ripen in the field. **Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.**

**Summer Casaba.**—This is a delicious Melon for the home garden, but on account of its extraordinary size and poor keeping qualities, it is not a profitable Melon to grow for the market. **Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.**

A number of growers have shipped the Santa Claus East in car lots. The cars shipped in October and November netted a fair profit, but the December car was frozen in transit. The local demand for the Improved Hybrid is constantly increasing. There is a good profit for the grower who will plant the White's Favorite about March 15th for the early market.



## Muskmelons

**Our Selected Melon Seed.**—Owing to our extensive trade with large melon growers and associations, we exercise every precaution possible to secure the best type of melons. Having procured the best seed obtainable, we have them grown especially for us. Our seed fields showed the wisdom of this method, for they showed the highest per cent of perfect melon.

**Culture.**—Sow in hills six feet apart in rows eight feet apart. Drop about twenty seeds to the hill; cover one inch deep. To avoid the cucumber beetle cover the hills at the time of planting with cheese cloth about eighteen inches square placed over two wires bower over the hills at right angles. Plant from March 1st until July 1st.

**Netted Rock**—See novelty page 11.

**Netted Rock, Jr.**—See novelty page 11.

**Original Gantier Pineapple.**—See novelty page 10.

**Musser's Superb.**—See novelty page 10.

**Burrell's Gem.**—See novelty page 11.

**Green Fleshed Tip Top.**—See novelty page 10.



A. & M. Nutmeg

Pineapple

A. & M. Triumph

**A. & M. Triumph.**—Is similar to the Pineapple, but not so large. This is much in its favor, as gardeners are complaining that the Pineapple is too large. It excels the Pineapple in the excellence of its flavor. Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

**A. & M. Nutmeg.**—Although the Melon has appeared on the market for several years, on account of its similarity to the Pineapple many thought it was the same, and its true identity remained unknown. It is a desirable medium size, is heavily netted and excels the Pineapple in flavor. Price, pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

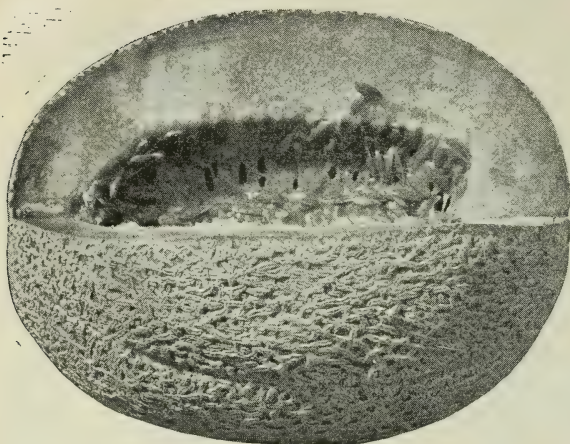
**Los Angeles Market.**—This is the largest of all the Muskmelon family, and we positively state that none will excel it in flavor. Gardeners object to its large size, but good profit will come to the grower who will plant it. It yields an enormous crop and all melons are very large and beautiful. Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Montreal Market.**—Large size and delicious flavor. Often grows to a weight of 20 to 25 lbs. One of the best market sorts and a good shipper. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; 1 lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Tip Top (Yellow Flesh).**—This Melon is very popular at Long Beach, almost to the exclusion of any other variety. This is a fine, round Melon of such attractive appearance as to always sell quickly in the markets. It is sweet, juicy and delicious. The flesh is firm, but not hard, and is edible almost to the rind. The Melon is of medium to large size, and is one of the best yellow fleshed sorts. Price, pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

**Champion Market.**—A very popular early Melon. Similar to the Rocky Ford in appearance, but double the size. In flavor it cannot be surpassed. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

## MUSKMELONS—Continued



Model

**Model.**—The picture show here is of a Melon from our field grown for seed. It is the true type of the Model as we introduced six years ago. This Melon won popularity because it is as early as the Rocky Ford, about twice as large, and ripens rapidly, the entire crop matures in a short space of time. Yet it is very prolific and of excellent flavor. Plant Model for your first early. Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 6 lbs. \$6.75. Postpaid.

**Jenny Lind.**—For the last three seasons this Melon has commanded marked attention because of its beautiful appearance, the excellence of its flavor and ready sale. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Texas Cannon Ball.**—For several years this has been one of the most popular melons in Texas. In appearance it is similar to the well known Columbus. The flesh is very thick, of fine texture and of delicious flavor. There is scarcely any seed cavity. Price, per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**The Columbus.**—A green-fleshed Melon. Its beautiful buff skin is covered with a very thick whitish netting; almost entirely free from ribs. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity. Can be safely shipped long distances. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Rocky Ford.**—The flesh is deep and thick, and light green in color, except next to seeds, where it inclines toward a yellow. The flavor is exceedingly fine. The skin is regularly ribbed and thickly netted. It is a firm, solid Melon and will carry in perfect condition for a week or more after its removal from the vine. It is a heavy cropper, and in wide favor as a market Melon. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.

**Improved Osage.**—This is the large green-rind salmon-fleshed melon that was brought to the local market from Burbank before any other local melons were offered. This was the only field grown here last season and we believe netted the owner more money than any other variety would have done on the same acreage. They sold readily. Once having tasted it the consumer will want it again. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$7.00. Postpaid.

**Banana.**—Very odd; 18 to 21 inches long. Yellow flesh, blending from bright green to rich salmon. Fragrant, and one of the most delicious of melons. Early. Pkt. 10c; oz. 25c.

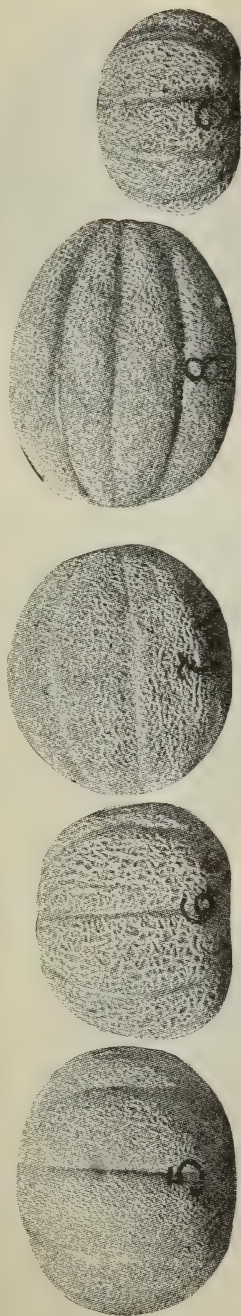
**Hoodoo.**—A delicious salmon-fleshed melon similar to Burrell's Gem except in shape; a good shipper and exceedingly productive. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 40c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.

**Pomegranite or Peach Melon.**—For mangos. Pkt. 5c.



Hoodoo





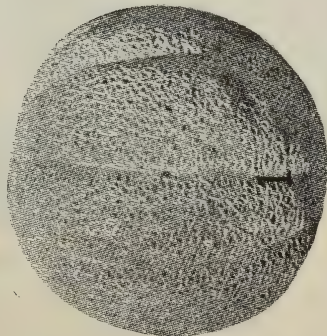
Tiptop

Nutmeg

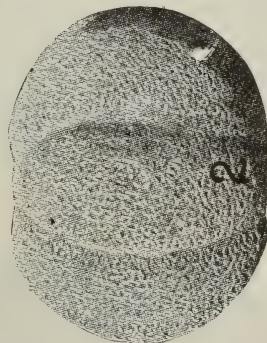
Champion Market

Gautier Pineapple

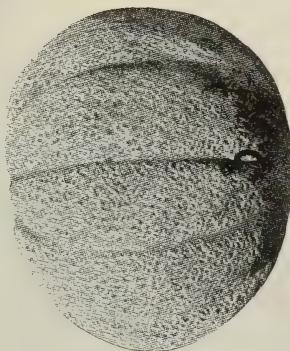
Jenny Lind



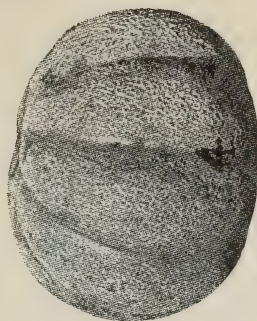
Los Angeles Market



Large Hackensack



Montreal Market



California Beauty

This group of Muskmelons was selected as being typical of their respective varieties. The photograph shows the comparative size and shape of each variety. All are good. The Tip Top has yellow flesh and is the favorite at Long Beach. The Gautier Pineapple is the popular melon in Los Angeles because of its firm green flesh and delicious flavor.

No seed house in the United States devotes more attention or takes more pains than we do to have the best Muskmelons and Casabas. It is no easy task to keep the types pure. We do it by growing our own melons and selecting our own seed stock. See Pages 10, 11, 39 and 40.

## Watermelons

**Culture.**—Plant from March to July, in light, sandy loam. Prepare the soil well by deep plowing and thorough harrowing and ridge up slightly. Plant in hills ten feet apart, ten to twenty seeds in a hill to enable the sprouts to find their way to the surface. Do not plant more than two inches deep. Make two arches at right angles with wire 18 inches long. Cover with a piece of cheese cloth one-quarter yard square, to be absolutely safe from insects. When the tent is crowded, remove. After the plants have become hardened, thin out to three in a hill.

**A word to all who grow to ship:**

Owing to the extensive business we have with Melon growers all through the South and West, it has become necessary that we grow all our own Melon seed in order to have the best. Our seed fields appeared to us to be perfect, showing the finest type of large, perfect Melons. Our Angeleno, Kleckley Sweet, Florida Favorite, Rattlesnake, Santiago and Chilean Melon seed cannot be excelled.

Growers wanting five pounds or upward write for special price.

**Black Seeded Chilean.**—See novelty page 12.

**Angeleno.**—See novelty page 12.

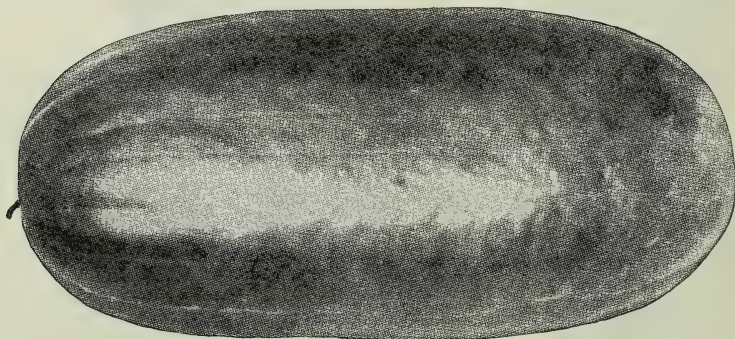
**Fordhook.**—See novelty page 12.

**Tom Watson.**—See novelty page 12.

**The Chilean.**—Never before did a Melon so completely monopolize an entire market for so long a time as the Chilean. This is due to our carefully selecting the best seed stock each year. It is a good shipper, but the grower frequently errs in shipping before the Melon is ripe, with the result that the rind is thick, the Melon is not sweet and the consumer condemns it. There is no superior to a good Chilean. Price per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00; 5 lbs. \$4.50. Postpaid.



Chilean



Kleckley Sweet

**Kleckley's Sweet.**—This is the favorite shipping Melon with growers in the Sacramento and San Joaquin valleys. It is of good size, a very green rind, with deep red flesh of delicious flavor. Our seed positively cannot be excelled. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.25; 5 lbs. \$5.50. Postpaid.



## WATERMELONS—Continued

**Alabama Sweet.**—A very large, long Melon of fine quality; very popular in the South where it is grown extensively for shipping. Color rather deep green, with dark, irregular striping. Rind firm; flesh bright red. Seed white. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Florida Favorite.**—This Melon is very popular with shippers, because of its extreme earliness, and all round good qualities as a good shipper. In appearance it is similar to the Rattlesnake, the rind being considerably darker. Price pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.



Florida Favorite

**Santiago.**—This variety has many of the good qualities of the well known Chilean. It is a large, long, heavy Melon; rind dark green with stripes of black. The flesh is deepest red and solid throughout, the edible portion extending to within half an inch of the skin. The rind is very hard and it makes a good shipper. Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.



Santiago (One of the best)

**Dixie.**—Fruit beautifully striped; surpassed by few for shipping or table; long keeper; flesh very red, sweet and juicy; quality excellent. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Halbert Honey.**—A very sweet, long, dark green variety. Fruits average 18 to 20 inches long, have a thin rind and deep red meat of delightfully delicious flavor; pulp entirely free from stringiness; seeds white. One of the finest for the home garden. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Red Seeded Chilean.**—This strain of the Chilean has become very popular because it is a week earlier than the white-seed strain, and every one is sweet and sugary. Many growers will plant this exclusively. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00. Postpaid.

**"Philippino."**—Many peddlers prefer this Melon to all others. Where once tasted they are wanted again. It is a poor shipper on account of its thin rind and crispness. For the home garden it has no equal. Price per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25. Postpaid.

**Rattlesnake.**—Has long been a popular Melon with shippers. It is a long Melon, having a white rind, with dark green stripes. Flesh of excellent flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Yellow-fleshed Ice Cream Watermelon.**—This Melon is well known in the Los Angeles market. It grows to a very large size, is long in shape and the rind an even dark green. In quality it is simply delicious, sugary and of a rich flavor peculiar to itself. Price per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

## Mustard

**Black or Brown.**—Per pkt. 5c; oz. 10c; lb. 40c. Postpaid.

**White.**—Better for salad or culinary purposes. Pkt. 5c; oz. 10c; lb. 40c Postpaid.

**Southern Giant Curled.**—The true curled-leaf variety so popular in the South for planting in the fall, to furnish an early spring salad. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Ostrich Plume Mustard** is delicious as well as ornamental, as the picture shows the leaves to resemble ostrich plumes, hence the name. Pkt. 5c; oz. 30c; lb. 90c. Postpaid.

**Chinese White Mustard.**—This is a delicious vegetable and flavors strongly of Brussels Sprouts, being less pungent than the American varieties. It is greatly relished by the Orientals, and can be seen all the year round at vegetable stands kept by the Japanese and Chinese. Price per pkt. 10c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

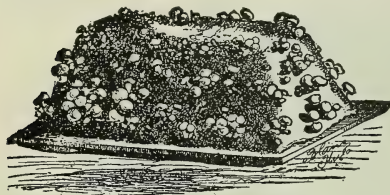
**China Green Mustard.**—This is an Oriental vegetable and like the White Mustard, is grown all the year round, but like our American Spinach, thrives best in the winter season. Great quantities of it is dried and used for medicinal purposes. Price, pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50. Postpaid.



Chinese Mustard

## Mushrooms

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 75 degrees. From some old pasture, procure good rich soil and store it away. To every bushel of this add two bushels of fresh horse manure. Of this well mixed compound



Mushrooms

prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and so on until the bed is 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 to 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with 2 inches of fresh loam, and over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2x8 feet. We have the very best make on the market.

**Pure Culture Spawn.**—Put up in bricks. Per brick 25c; by mail 35c.

### MARTYNIA

**Martynia, or "Unicorn Plant."**—The Martynia, or Unicorn Plant, is quite ornamental in growth, and bears large pyramidal spikes of Gloxinia-like flowers followed by hairy seed-pods of a peculiar shape. These pods are gathered while young and tender, and pickled. Pkt. 10c; oz. 30c.



## Onions

**Culture.**—No crop is so liable to variation by cultivation and soil as the Onion. Having rich soil with too much irrigation will produce thick-neck scallions, while the same soil well drained would produce the finest Onions. A sandy loam well fertilized is best.

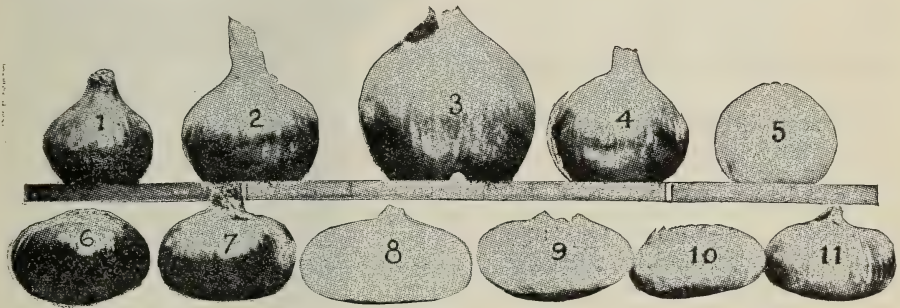
Either drill the seed thinly in rows fourteen inches apart, or sow the seed in seed beds, and when the plant is as thick as a pencil, transplant on ridges about six inches high and eighteen inches apart; set two rows on each ridge, and four inches apart in the row.

Irrigate in the furrow between the ridges to avoid flooding the Onion, which causes the Onion to perish readily, rendering it unfit to ship or to keep.

The Bermuda Onion thrives well and grows to perfection on the desert during the winter season. But nearer the coast, while it grows to perfection when planted in February to March, it is a waste of energy to plant it in the fall. From Indio to Calexico the Bermuda Onion is a success, but along the coast should be planted only after January.

### CALIFORNIA NOW EASILY LEADS THE WORLD GROWING LARGE ONIONS

But some varieties are better suited to certain localities and soils than others. We have carefully studied these conditions and invite those who wish to grow Onions and are yet unfamiliar with the conditions, to write us before selecting their seed. The following cut shows comparative sizes:



- |                          |                         |                  |
|--------------------------|-------------------------|------------------|
| 1 Ohio Yellow Globe      | 5 Southport White Globe | 9 New Queen      |
| 2 Australian Brown Globe | 6 Australian Brown Flat | 10 White Bermuda |
| 3 Prizetaker             | 7 Red Weathersfield     | 11 Red Bermuda   |
| 4 Yellow Globe Danver    | 8 White Portugal        |                  |

**Ohio Yellow Globe.**—Its main points of excellence are: Distinct and attractive shape, handsome, bright, even color; ripens early and all at once; necks very small, and cure down to almost nothing. The firm, solid bulbs are excellent winter keepers, and all that can be desired in size and quality. This is a superb Onion for all classes of soil. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

**Australian Brown Globe Onion.**—Quick to mature; a long keeper; solid and heavy; an excellent Onion for shipping. The bulbs are perfectly globe shaped. The skin is a light brown. Their solidity gives them great weight and a bushel weighs several pounds heavier than a bushel of American varieties. The Onions are thin-necked and ripen very evenly in all soils. As the plant makes a very quick growth it matures the bulbs before the hot, dry summer weather sets in, and this in connection with its exceptional keeping qualities makes it a most profitable variety. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

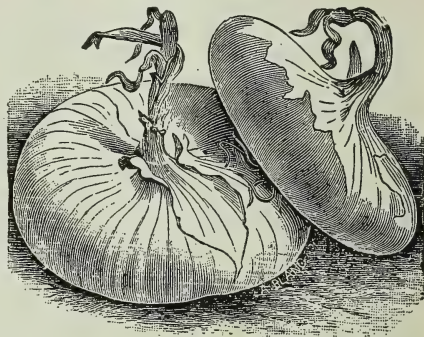
**Prizetaker, the handsomest, largest Yellow Globe Onion.**—An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always commands a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw colored skin. Pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00; 5 lbs. \$9.00. Postpaid.

## ONIONS—Continued

**Yellow Globe Danvers.**—This Onion is the standard winter sort in many markets. The shape is almost globe form and the bulbs are quite large with thin necks, ripening down well. The skin is a fine brown, orange yellow, while the flesh is pure white, solid and of good quality. Its earliness makes it valuable for market. The crop is very uniform and ripens at one time. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

**Southport White Globe.**—It is silvery white in color, globe shaped in form, flesh of delicious flavor and a fine keeper. The very best variety to grow for bunch Onions. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00; 5 lbs. \$14.00. Postpaid.

**Crystal Wax.**—This best and earliest of all white Onions was little known until recent years, when the seed was imported from the Canary Islands along with the White Bermuda. It found a congenial climate and it now excels all our other white varieties for earliness. Plant the seed any time, Oct. 1st to Feb. 1st, according to the instructions above. Price, pkt. 10c; oz. 30c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.00; 5 lbs. \$14.00. Postpaid.



Crystal Wax Onion

**Australian Brown Flat.**—Is undoubtedly desired more by shippers because of its good keeping qualities than any other variety. It has not proven so profitable to growers because its habits are less understood. On account of improper culture the average crop has been below the normal crop of other varieties, but when grown on rich sandy soil, with sufficient water, it will produce more pounds per acre than the Prizetaker. It is a good Onion and has come to stay. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50; 5 lbs. \$6.75. Postpaid.

**Large Red Wethersfield Onion.**—For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielder and one of the best keeping of all red Onions. This is a standard red variety. Large size; skin deep purplish-red; form round, somewhat flattened; flesh purplish-white. We recommend it as a general cropper and a variety that will do well anywhere that large Onions can be grown. Yields enormous crops. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; 1 lb. \$2.00; 5 lbs. \$9.00. Postpaid.

**White Portugal, or Silver Skin.**—The large bulbs are attractive form, flattened, but quite thick through. Under good cultivation the average diameter is from four to six inches. The thin skin is a clear silvery white, flesh snow-white, sweet and tender. They grow quickly, mature quite early. Price per pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00; 5 lbs. \$14.00. Postpaid.

**New Queen.**—Very similar to the Crystal Wax in appearance, but not as early as the Bermuda, but better adapted to the coast climate. For years it has been our best early Onion. Our seed is imported from France, because imported seed matures earlier than California grown. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 70c; lb. \$2.00; 5 lbs. \$9.00. Postpaid.

**White Bermuda Onion.**—This is the standard variety for market crops for shipping. While it is known as "White Bermuda," the name is misleading, as it is really a light straw color or pale yellow. We make this explanation, as many who grow it for the first time expect to find a pure white onion. Less than six months required from the time of sowing the seed to the full maturity and shipment of the crop. Per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 70c; lb. \$2.50; 5 lbs. \$11.00. Postpaid.

**Red Bermuda Onion.**—It is identical in size, shape and mildness with our White Bermuda. The color is a pale waxy red, and it is just the right variety in all sections where a red Onion is preferred. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50; 5 lbs. \$11.00. Postpaid.



## ONIONS—Continued

**Mammoth Silver King.**—Very large, white, flat Onion, medium early. An excellent variety to grow for bunching. Price, per pkt. 5c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$2.00; 5 lbs. \$9.00. Postpaid.

## Seven Gibaltars, One Yard



## Giant Gibaltars

**Giant Gibraltar.**—This is probably the largest of all onions (not excepting the Prizetaker). Skin of light straw color, flesh white, tender and mild. These onions are excellent for home use at any time while in the growing state. It is a good shipper. Where a large yield is the main desire plant the Giant Gibraltar. It will yield fifty per cent more tons per acre than any other variety except the Prizetaker. Price, pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50; 5 lbs. \$11.50. Postpaid.



Bunch Onions

**Bunching Onion.**—Many think any white onion will do for a bunching onion, but this is not true. Our growers for fancy trade have learned that we have the best strain of seed for this purpose and our sales amount to thousands of pounds each year. The picture shows a sample of what our seeds produce. They are just the right shape. Pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; 1 lb. \$1.50. Postpaid.

**Garlic Sets.**—Garlic sets or bulbs are planted from September to January in rows 12 inches apart, placing the sets 4 inches apart in the rows, 2 inches deep, or in the same manner as for Multiplier Onions. Garlic is used for flavoring purposes. Bulbs per lb. 20c; by mail 30c; 100 lbs. market price.

**Chives.**—This specie of Onion is extensively used for flavoring. A small spot in the garden planted to Chives will supply a family the year round. Per pkt. 10c; plants, 2 bunches, 5c.

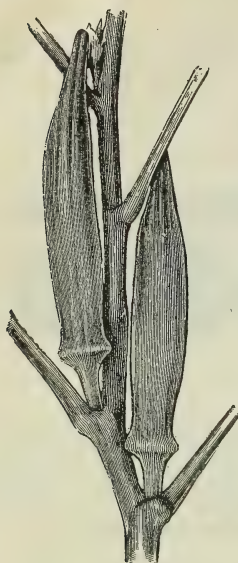
## Onion Sets

**Australian Brown, Yellow Danver, White Pearl, White Bermuda and Silverskin.**—Per lb. 20c; by mail per lb. 30c; 100 lb. market price.

The earliest Onions are grown from sets planted in August and September. This brings them into the market in January and February, when prices are highest. About 250 pounds of sets will plant one acre, or four pounds of seed is required.

We are headquarters for the finest sets that are grown anywhere in the world. Our sets are grown without rain or irrigation, which insures their keeping qualities. Our sets are worth at least two cents per pound more than sets offered by other growers.

We claim our Onion Seed to be of the highest class as to germination and purity of type. When you wish to plant onions consult us as to when, how and what variety to plant.



Okra

## Okra: Gombo

**Culture.**—Plant in April, cultivate same as Eggplant.

**White Velvet.**—This well known variety is the favorite with the market gardener and with the consumer. The pickle factories will have no other. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c. Postpaid.

**Dwarf Green Prolific or Density.**—A distinct variety, growing about 14 inches in height. Very productive, of fine smooth pods. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60c. Postpaid.

**Mammoth Long Podded.**—Very productive, and is a good variety for the family garden. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 60. Postpaid

The White Velvet Okra is the universal favorite.

## Parsnip

**Culture.**—Sow from September to following May in drills 15 inches apart, covering  $\frac{1}{2}$  inch deep. When well up, thin out to 5 or 6 inches in the rows. This seed is slow to germinate, hence should be sown as early as possible. Cultivate frequently. One ounce to 200 feet of row; 5 pounds to the acre.

**Devonshire.**—This Parsnip was recommended to us by our European growers three years ago. Today it is the most popular Parsnip with our market gardeners. It is scarcely more than half as long as the Hollow Crown, but it is often three inches in diameter. Tender and has an excellent flavor. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c. Postpaid.

**Hollow Crown.**—Has long been a favorite on account of its excellent table qualities. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c. Postpaid.

**Short Round French.**—Very desirable for early cropping. Not so tender as the longer rooted varieties. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; 1 lb. 75c. Postpaid.



Devonshire Parsnip

Our Devonshire Parsnip is the favorite on the Los Angeles market because of its excellent quality and symmetrical shape. Our gardeners will have no other variety.



## Parsley

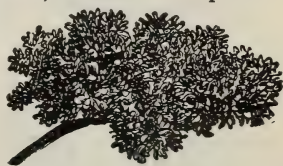


Extra Curled Parsley

We have an exceptionally excellent strain of Parsley.

**Champion Moss Curled**—Extra dark leaves. Leaves crimped and curled, giving a most beautiful decorative appearance. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Emerald or Dwarf Extra Curled**.—Leaves tender, beautifully crimped; handsome, bright green color, very ornamental. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.



Champion Moss Curled

**Extra Double Curled**.—An old curled variety for garnishing. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb., 25c; lb. 75c. Postpaid.

**Hamburg Turnip Rooted**.—Fleshy vegetable roots, for soups, etc. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c. Postpaid.

## Peanuts

Write for Special Circular

California is being developed so rapidly and new orchards set out on every hand that many growers would be benefited by knowing that the peanut can be successfully raised between the rows with no injury to the trees. It being a leguminous plant and gathering numerous bacteria nodules upon the roots, it is beneficial to the soil upon which it is grown, as the roots are left in the ground at harvest time.

The old method of covering the blossoms is entirely done away with and by practical experiment it has been found that hilling up and covering the blooms was not productive of as good results as to raise the vines on the flat surface and keep down all weed growths by proper cultivation and hoeing. Special tools are used by some extensive growers, but to those who wish to try it in a small way there are no tools to buy. Plow light furrow and drop the seed, covering from two to three inches deep. Harvest with a suitable plow and handle vines with forks to free the nuts from the earth; then stack and cure.

Calves can be raised entirely on Peanut straw and there is no better food for a lot of young porkers. The vines of the new variety average four feet across and stock will eat it all. If properly cured and stacked away from the rain there is no better hay than the Peanut vine. Peanuts can be grown from April to November. Plant from April 15 to June 1st.

**Georgia Improved Ground Pea or Peanut**.—This variety is much superior to the ordinary Peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields on ordinary land about 100 bushels to the acre. Per lb. 15c; by mail 25c; per 100 lbs. market price.

**Red Runner**.—Is an excellent variety, bearing three to four kernels to the pod. The kernels are of medium size and of good flavor. It is the favorite variety with the confectioner. Price, per lb. 20c, by mail 30c; 100 lbs. \$15.00.

## Peas

Owing to Aphids and to unfavorable climatic conditions throughout all pea-growing sections, there will not be enough peas in the country to supply the ordinary demand. Many varieties will be reserved entirely for seed stock.

**Culture.**—May be sown in California the year round. Peas mature earliest in light, rich soil, but for general crop a moderately heavy soil is best. Sow in rows from  $2\frac{1}{2}$  to 3 feet apart, according to the variety. Two pounds of seed will sow 100 feet of drill, 50 to 60 pounds to the acre. In the following list will be found only those varieties which are desirable in this section. When ordering by mail add 10c per pound for postage.

**Pride of Caluenga.**—Reserved for seed stock.

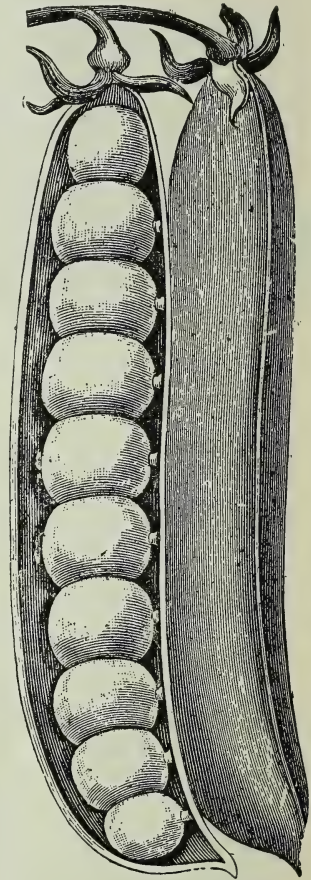
**American Wonder.**—The earliest of all wrinkled Peas. Of dwarf habit, growing from nine to eleven inches high, and producing a profusion of good sized and well-filled pods of the finest flavor. Per pkt. 5c; lb. 20c; by mail 30c; 10 lbs. \$1.75; 100 lbs. \$15.00.

**Nott's Excelsior.**—Although a few days later than the American Wonder, the pods will average fully one-third larger, containing 6 to 8 large Peas so closely packed together that they become flattened. Per pkt. 5c; lb. 20c; by mail 30c; 10 lbs. \$1.75; 100 lbs. \$15.00.

**Yorkshire Hero.**—The most popular market Pea in this section. Abundant cropper and excellent in quality. Height  $2\frac{1}{2}$  feet. Per pkt. 5c; lb. 20c; by mail 30c; 10 lbs. \$1.50; 100 lbs. \$12.00.



American Wonder



Yorkshire Hero

**Dwarf Gray or Sugar.**—(Edible pods.) Of extraordinary yielding qualities, and unsurpassed as an edible podded variety. Height 2 feet. Per pkt. 5c; lb. 20c; by mail 30c.

**Dwarf Telephone.**—The Telephone has become the leading Pea with market gardeners whose trade appreciates fine appearance and high quality. Vines vigorous, growing about three feet high, with large, coarse, light colored leaves and producing an abundance of very large pods filled with immense Peas which are tender, sweet and of excellent flavor. It comes into use soon after the Premium Gem and is one of the best sorts for either home or market. Per pkt. 5c; lb. 20c, by mail 30c; 10 lbs. \$1.75; 100 lbs. \$15.00.



## Peppers

**Culture.**—Seed may be grown in seed beds all the year round, according to location. When the weather is favorable, transplant in the open ground in warm, mellow soil, in rows 30 inches apart and 18 inches apart in the rows. One ounce of seed will produce 1000 plants. Peppers require a rich, sandy loam with frequent irrigation.

**A. & M. Giant Bell.**—See novelty page 14.

**Anaheim Chili.**—See novelty page 14.

**Chinese Giant.**—A very large Pepper of the Bull Nose type, often growing to five inches in diameter, and as much in length; excellent for mangoes. It is very mild. Per pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.75; lb. \$6.00. Postpaid.

**Red Cluster.**—A very short, heavy-set bush, almost a solid cluster of small peppers of  $\frac{1}{2}$  inch in length. Per pkt. 10c; oz. 30c.

**Cayenne.**—A long, slim pod, rather pointed, and when ripe a bright red color. Extremely strong and pungent. Per pkt. 5c; oz. 25c.

**A. & M. Perfect Ruby King.**—Of immense size and the mildest of all varieties. Ordinarily they grow from 4 to 6 inches long by 3 or 4 inches thick. Plant is of sturdy, bushy habit, and each one produces handsome fruit. This Pepper is popular because of its solid, thick meat and mild flavor. It is the best for a winter crop because it retains its shape better than other varieties. It is particularly good stuffed as a mango or with meat and rice and cooks to perfection. Price, pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; 1 lb. \$3.50. Postpaid.

**Big Bell, or Bull's Nose.**—Very large sort of inverted bell shape. Flesh thick, hard and less pungent than most other sorts, and one of the earliest; very prolific. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**A. & M. Monstrosity.**—This is the one Pepper that is thoroughly satisfactory for winter bearing. It is prolific; large, thick-meat and maintains its shape throughout the winter. Its mild flavor makes it one of the best sorts for mangoes or stuffed for table use. Per pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00. Postpaid.

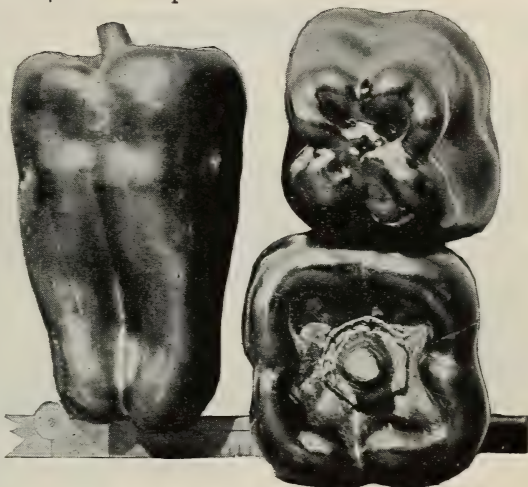
**Neapolitan.**—This is desirable chiefly for its earliness. It is of good size and quality, but because of its upright habit, extending the Peppers well above the plant, exposes them to frost and sunshine, whereby they are easily damaged. But for first early it is the best. Per pkt. 10c; oz. 40c;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00. Postpaid.

**Tobasco.**—The plants develop into large bushes bearing profusely the little bright peppers in sprays. A mature pepper measures about one inch in length. These peppers are extremely hot and fiery in flavor. Per pkt. 10c; oz. 25c.

**Dwarf Chili.**—Same as Tobasco, but twice as large. Per pkt. 10c; oz. 25c.

**Floral Gem.**—A small hot Pepper for pickling, or to use as a pot herb. Per pkt. 5c; oz. 25c.

**Creole, or Bird's Eye.**—A distinct variety, fruit very small, about  $\frac{3}{4}$  of an inch long and of very hot flavor. Per pkt. 5c; oz. 25c.



A. & M. Perfect Ruby King



Tobasco

Floral Gem

Creole

Small Chili

Cayenne

# Pumpkins

**Culture.**—Plant from April to August in hills 8 feet apart each way. Pumpkins are not so particular in regard to soil as melons, but in other respects are cultivated in a similar manner. One ounce for 15 hills; one pound to an acre.

We have here pictured the leading varieties of Pumpkins, so there should be no confusion in ordering the variety you want. The seed we sell for Pie Pumpkins is from special grown stock and a higher price is asked. But common stock Pumpkin seed are bought in the open market and liable to be hybridized with other varieties, and can be used for stock, but should not be planted for other purposes.



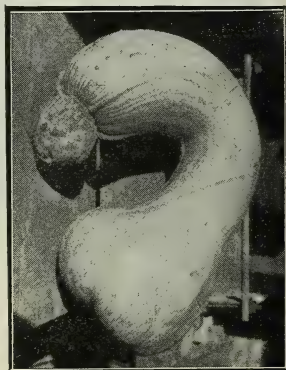
**California Mammoth Pumpkin**

**California Mammoth.**—This is the large Pumpkin so well known locally. As many as 20 tons have been taken from one acre. It not infrequently attains a weight of two hundred pounds. Per pkt. 5c; oz. 10c lb. 40c. By mail 50c.

**Cashaw or Crookneck.**—Productive; color light cream. A good keeper; fine for pumpkin pie; sweet in flavor. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Tennessee Sweet Potato.**—Of medium size; creamy white, with light green stripes; flesh thick, fine grained, dry, brittle, and of excellent flavor. Unsurpassed for pies and custards. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Japanese Pie Pumpkin.**—Similar to the Cashaw in shape. Many consider it the best for pies. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.



**Crookneck Pumpkin**



**Sugar or Boston Pie**

**Sugar or Boston Pie.**—A small, handsome variety, and very popular. The skin is a deep orange yellow; flesh fine grained and sweet in taste. Famous in Boston as a pie Pumpkin. It sells better on our local market than any other variety, except the Jack O'Lantern at Hallowe'en time. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Sandwich Island.**—The most popular Pumpkin in Ventura County. It is as hardy as a citron. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.



## PUMPKINS—Continued

## ESTAMPES PUMPKIN

We have endeavored for several years to procure pure stock seed from which to grow this excellent Pumpkin. It is the heaviest Pumpkin for its size that we know of. It is the canner's favorite because of its thick, deep red flesh and fine sweet flavor. It is without exception the best for dairy stock and only the scarcity of the seed has prevented it from being more widely known. Per pkt. 5c; oz. 10c  $\frac{1}{4}$  lb. 25c; lb. 80c. Postpaid.

A. P. Stone, "the Pumpkin King" of Tropico, says: "The Estampes will become the leading Pumpkin in California as soon as farmers will have become acquainted with it. One hundred pound Pumpkins are a common thing in my field. It will produce more tons to the acre than any other variety. It is the best for the dairyman and the canner prefers it to all others."

Henry Zulauf of San Fernando Valley says they grow as large as wash tubs, and the June planting yielded twice as much as April planting, and on Nov. 20th they were still growing.



Estampes

**Connecticut Field (The Jack O'Lantern).**—This valuable Pumpkin will be found a great boon to farmers with dairies, large or small. It greatly increases the flow of milk, besides imparting to it a rich color, and really adds to the flavor and the color of the butter of all cows fed upon it. Twenty tons to the acre is no unusual yield. If the land be manured liberally a full crop can be grown among corn. It is a most excellent keeper, and will be sure wealth to all who grow and feed it liberally. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.



Jack O'Lantern

**Kentucky Field or Large Cheese.**—This variety is locally called Sweet Pumpkin, and is grown more than any other of its kind for stock, because it is a good keeper, notwithstanding it has a soft shell. It is fleshy and very sweet; also very good for pie, and is largely used for canning. Per pkt. 5c; oz. 10c; lb. 40c; by mail 50c.

**Large Green Citron or Cow Melon.**—Will grow on any sandy soil or by the road side and thrive luxuriantly without irrigation. Sam Rule says: "The more you drive over it, the meaner you treat it, the better it will yield." An excellent stock food that will keep, lying in the field, until spring. Per pkt. 5c; oz. 10c;  $\frac{1}{2}$  lb. 20c;  $\frac{3}{4}$  lb. 35c; by mail 45c.

For the high standard of vegetables that appear on the Los Angeles market each morning throughout the year, much credit is due to our zeal in keeping the purest type of seed of each variety and in always offering some new vegetable particularly adapted to a certain purpose. The result is our peddlers have the best vegetables for the table use, and our shippers have always the best for their purpose. Always consult us when in doubt what to plant.

**Mammoth Tours.**—This is an excellent Pumpkin for stock. It is very large and very prolific. It bears a Pumpkin at every other joint. It seems to thrive best on the light sandy soil near Redondo, and in the San Fernando Valley. The Pumpkin is oblong in shape and in color is yellow streaked with green. Per. pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

## Radishes

We have given special attention to Radish culture the past two seasons with the result that our turnip-shaped varieties, shall be French grown seed. Because this seed never fails to produce a true type.

**Culture.**—Seed may be sown the year round in California. Radishes thrive best in a light, sandy loam, made rich by manure. Sow in drills, 10 to 12 inches apart. An ounce of seed will sow a hundred feet of drill, ten pounds to the acre.

**Early Scarlet Turnip.**—One of the earliest and best sorts for forcing; its color is very handsome; flavor very mild, crisp and juicy; stands a great amount of heat without becoming pithy. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c. Postpaid.

**French Breakfast.**—A splendid variety, medium-sized, olive-shaped. Very crisp and tender; of a beautiful scarlet color. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**White Tipped Scarlet Turnip.**—An early variety, of medium size and excellent flavor, and of a very handsome appearance. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c. Postpaid.



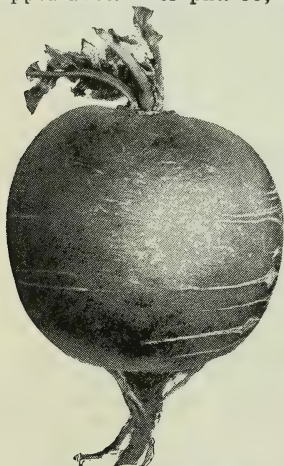
Early Scarlet Turnip Radish

**Early White Globe.**—Grows quickly; skin very white, flesh white and crisp. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Charties.**—A distinct, exceedingly handsome and attractive sort; color of top is scarlet rose, shading into pure waxy white at the tip. Attains a large size before it becomes unfit for the tables. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Early Long Scarlet.**—Very Brittle and crisp; color a bright scarlet; small top. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

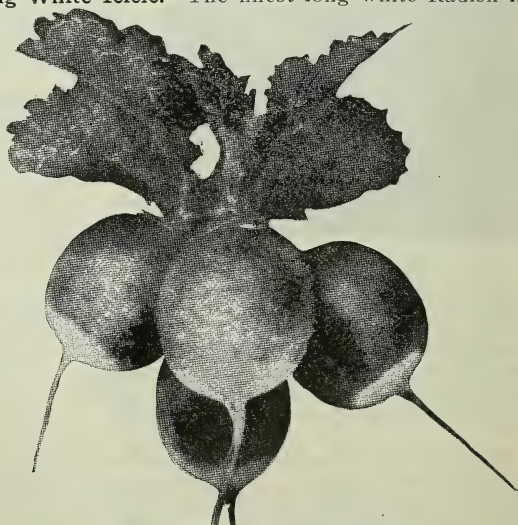
**Long White Icicle.**—The finest long white Radish in



Crimson Giant Radish

cultivation. Beautiful shape. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Crimson Giant Turnip.**—A variety extraordinary in that, while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and, unlike other forcing varieties, does not become pithy even when twice their size in diameter. Root turnip shaped; color a beautiful crimson carmine; flesh firm, crisp and tender. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.



Scarlet Turnip White Tip Radish



## RADISHES--Continued



Winter

Summer

## ALL SEASONS RADISH

A new one from Japan called "Tokishir-aza," meaning all-the-year. It is a very large, long, snow-white radish; deeply rooted, does not extend above the soil like so many varieties, hence it is always tender and crisp and has a delicious flavor. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00.

**Japanese Summer Radish.**—This Radish was introduced here by the Japanese several years ago. Its beautiful white color and mammoth size attracts great attention. It is very tender and the flavor is excellent and mild. It attains perfection in California, growing eighteen inches in length and three inches in diameter. It is a profitable Radish to grow as it sells readily and is relished by all. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Japanese Winter Radish.**—This was introduced in the same manner as the Japanese Summer Radish, which it resembles except in size, as you can see in the picture. It is more crisp and of better flavor in the winter season. It is pure white, grows about eight inches long and not as tapering as the larger one. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**China Rose Winter.**—A delicious Radish, crisp, with little tendency to become pithy. A beautiful coloring from bright red at the top to almost pure white at the tip. It is a good seller and is in great demand by the vegetable peddlers. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c. Postpaid.

**California Mammoth.**—Pure white; the flesh is tender and crisp, keeps well. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. 90c. Postpaid.

**Round Black Spanish.**—Skin black, flesh white, of firm texture. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Long Black Spanish.**—A delicious, crisp, winter Radish. It sells well at the market. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Large White Chinese Stump Rooted.**—This is a winter Radish of deliciously sweet flavor; can be eaten as a Turnip as it is without stringency. The Chinamen use this variety exclusively. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.



## MIXED RADISH

This mixture, consisting of almost every known variety of Radish, is deservedly popular throughout the country because it grows radishes suitable to each season and to every condition of soil. You are sure to have them early, medium and late. Small, medium and large. Something all the time. Pkt. 5c; oz. 10c  $\frac{1}{4}$  lb. 25c; 1 lb. 75c. Postpaid.

## Horse Radish

**Common Variety.** Roots, 1 doz. 15c, by mail 20c; 100, \$1.00; 1000, \$8.00.

**New Bohemian Horse Radish.**—A valuable recent introduction of the U. S. Department of Agriculture. It is a much more rapid grower than the old variety in general use and is therefore ready for use a great deal earlier. Its large, white roots may be raised in almost any soil, and, when planted in rows, may be harvested like potatoes. The quality of this Horse Radish is far superior to the old variety in strength and piquancy. Sets or roots, doz. 50c, postpaid.

## Rhubarb

**Culture.**—Sow the seed early in spring in drills one foot apart, thinning out the young plants to 4 inches. Cultivate well, and in the following spring transplant into deep, rich soil from 3 to 4 feet apart. For immediate use order the roots instead of the seed as they will come into use in two months. An ounce of seed will make 500 plants.



Winter Crimson

**Winter Crimson**—Might be more appropriately called All Seasons Rhubarb. It thrives luxuriantly all the year round, but is better during our Winter months, than in the summer. To get the best results apply large quantities of stable manure, and water freely. The seed is scarce and the price much higher than common varieties.

Price, pkt. 10c; oz. 60c;  $\frac{1}{4}$  lb. \$1.75;  
1 lb. \$6.00.

### WAGNER'S GIANT WINTER CRIMSON RHUBARB

This is a new strain, propagated by Mr. J. B. Wagner, and has the same general characteristics as the Winter Crimson Rhubarb, excepting that it grows four times as large. The stalks sometimes attain a length of three feet, weighing one and one-fourth pounds. Sixty stems picked from one plant at a single picking weighed thirty pounds. We have made arrangements with Mr. J. B. Wagner to handle some of his Giant Winter Crimson Rhubarb roots this season. He has but two hundred to put on the market this year.

We are also offering seed of Wagner's Giant Winter Crimson Rhubarb that was grown by Mr. Wagner from the second generation of plants. This seed has been tested by Mr. Wagner, and will reproduce more than 50 per cent of Wagner's Giant Winter Crimson Rhubarb and about 25 per cent of Wagner's Winter Crimson, while the balance will be of ordinary varieties. The different varieties can be easily assorted before you transplant them in the field. This is the first time any of the roots or any of the seed of this new variety have been offered. Mr. Wagner wishes us to state that he confirms the above write-up in reference to this new strain of rhubarb, and that it will be of no use for anyone to write to him for seed, as he will not sell any of the seed in any other way excepting through Aggeler & Musser Seed Co.

Price, per pkt. 25c; oz. \$1.50; lb. \$18.00, postpaid.

Price, per root, \$5.00, and 5 roots \$25.00, prepaid.

We cannot take an order for more than five roots from any one person, as we desire to get this new variety distributed in various localities.

**Victoria.**—Later than the above, very large and fine. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50. Postpaid.

**Monarch.**—The largest, and one of the best. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50. Postpaid.

**Winter Crimson Roots.**—Each, 10c to 25c, according to size. Postpaid.

**Victoria Roots.**—Each, 10c to 25c, according to size. Postpaid.

We are prepared to furnish fine large roots, both of Victoria and Crimson, in large numbers. Call and see them, or write for prices.



## Roselle

### The Lemonade Plant of Queensland.—

Is an annual plant that has been sufficiently tested to indicate its great value, and to warrant more extended cultivation. The fruit is used for making jelly and jam. The jelly is superior to guava or currant, and is labeled as "Queensland Jelly;" is shipped from Australia to all parts of Europe. It is easily grown from seed if planted after the ground is warm; grows rapidly, resists drought and is very ornamental. The local preserving companies are anxious to get it. Every home garden should have a row of this ornamental and useful plant. Per pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50. Postpaid.

### HOW TO MAKE ROSELLE JELLY

Having received numerous inquiries how to use Roselle, we have decided to insert the answer here. Pick the pods that grow at the juncture of each leaf (see the picture) when the inner pod is yet green and tender. Boil them until soft and strain through a cloth. Add  $\frac{1}{2}$  pint of sugar and the juice of  $\frac{1}{4}$  of a lemon to each pint of juice, and boil again until it jells.



Roselle Fruit

City Market of Los Angeles, Ninth and San Pedro Street.

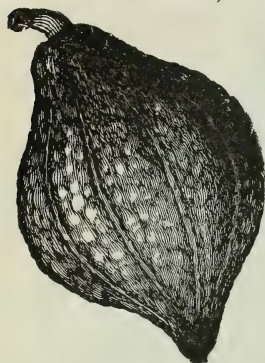


One of the busiest and most interesting places in the city. Try to see it before 7:00 o'clock a. m.

The gardeners of Southern California are fortunate in having such excellent marketing facilities. Two of the most up-to-date market places in the world.

## Squash

**Culture.**—Seed should not be planted in spring until all danger of frost is past. Plant in hills 5 feet apart for bush varieties and 6 to 8 feet apart for running sorts, putting 6 to 8 seeds to the hill, finally leaving but 3 plants. One ounce of the bush varieties for 40 hills, or of the larger seeded varieties 15 hills, 2 to 3 lbs. to the acre.



Hubbard

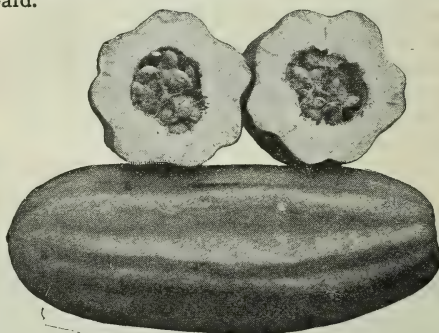
**Hubbard.**—This is the Squash that is so popular everywhere, and Southern California ships annually about forty carloads to Eastern cities. The local bakeries consume annually about one hundred tons. Our Hubbard was grown by ourselves and is guaranteed to be the best strain. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Postpaid.

**Burpee's Fordhook Squash.**—This is a most desirable running variety, for either summer or winter use. The vines are of strong, vigorous growth and wonderfully productive. Fruits oblong in form, eight to ten inches in length, slightly ridged; smooth, thin, yellowish skin; flesh very thick and of a light straw yellow. If gathered young for cooking, no other Squash approaches it in flavor, while if allowed to ripen on the vine they can be stored and will keep in excellent condition until late the following June. Either for baking like sweet potatoes, or making pies during the winter, the quality is very fine. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c. Postpaid.

**Golden Hubbard.**—The flesh is of a deep golden yellow—a much richer color than the Hubbard—fine grained, cooks very dry, and is of excellent flavor. In its keeping qualities it is fully equal to, while in productiveness it excels, the old variety. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Postpaid.

**Pike's Peak or Sibley.**—An excellent winter Squash. Fine grained and superior in flavor and keeping qualities to the Hubbard Squash, but not so well known. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 85c. Postpaid.

**English Cream Marrow.**—It is the finest thing in the Squash line. It is sweet as a sweet potato, and has none of that pumpkin flavor. It is good any way it comes on the table and beats Hubbard for pie. It is 6 to 8 inches long and half as thick. (See picture.) Decidedly cream color, shell not a crust, but very firm. It will keep from one season to another. Per. pkt. 10c; oz. 20c;  $\frac{1}{4}$  lb. 60c; lb. \$1.50. Postpaid.



English Cream Marrow

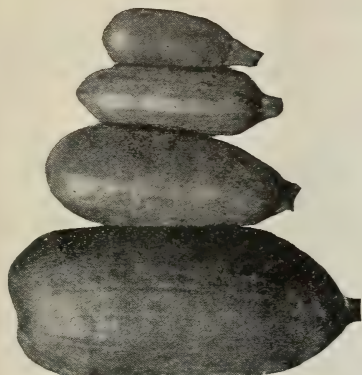


Mexican Banana

**Mexican Banana.**—This is the "jumbo" of the Squash family, and attracts great attention wherever grown or placed on exhibition. It is an extra large-fruited sort, quite distinct in form and appearance. The squashes grow from one and one-half to two feet in length, with a slight neck at the stem end. The skin is of a dark olive-green, with slight stripes of a lighter tinge. Flesh firm and solid, of beautiful orange-yellow and excellent quality. Mr. E. L. Van Ripper says it is the sweetest of all squashes and wishes everyone to try it. Per. pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.



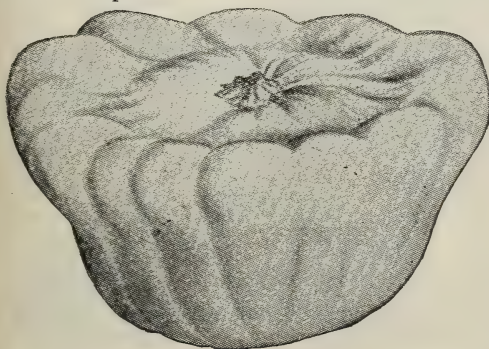
## SQUASH—Continued



Italian Squash

**Long White Marrow**—This is exceedingly delicious as well as the most prolific of all English Marrows. Steamed when quite young or fried as egg plant it is equal to egg plant itself. The Squash is about twelve inches long when mature and a light creamy color. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 50c; lb. \$1.50. Postpaid.

**Essex Hybrid, or Turban.**—An early, quick-growing variety, with very hard shell. Is broad, with large neck or "Turk's Cap" at blossom end. Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 65c. Postpaid.



A. &amp; M. Improved Bush Scallop

the above, but a golden yellow color. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Golden Summer Crookneck.**—The popular well-known Crookneck. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Boston Marrow.**—Flesh, bright orange or rich salmon color; for sweetness and excellence unsurpassed. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 80c. Postpaid.

**Faxan.**—Pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c.

We are indebted to Mr. Frumentti of Los Angeles for this excellent addition to our garden. It should be used when quite young. When stewed it has a rich, creamy flavor not equalled by any other squash. Some gardeners have made considerable money making a specialty of it. For the family garden we would recommend its use instead of the small white bush scallop, because of the excellent flavor and it is much more prolific. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

## ITALIAN SQUASH

**Delicata.**—A small-fruited variety suitable for both summer and winter use; oblong, slightly ribbed with orange-yellow skin striped with green. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.



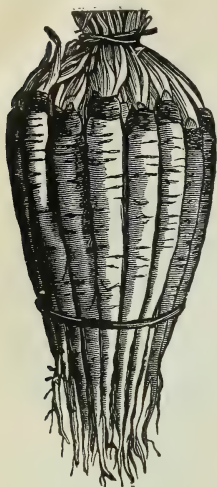
Long White Marrow

**A. & M. Improved Bush Scallop.**—As will be seen by the picture this Squash is similar to the well known White Bush Scallop, but it is more elongated toward the blossom, which makes it more desirable from the gardeners' point of view. It looks better and sells more readily. It is very prolific. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**White Bush Scallop.**—The well known summer Squash, very productive, pure white. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Mammoth White Scallop.**—An improved large variety of the above. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c. Postpaid.

**Golden Bush Scallop.**—Similar to



Salsify

## Salsify

**Culture.**—Sow the seed early in the spring in drills one foot apart and one inch deep, thinning out plants to four inches. It succeeds best in light, well-enriched soil. One ounce of seed for 50 feet of drill.

**Long White.**—Favorite market variety and the best flavored. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 30c; lb. \$1.00. Postpaid.

**Mammoth Sandwich Island.**—A larger and superior variety. Mild and delicately flavored. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25. Postpaid.

## Sorrel

Of the easiest growth, Sorrel is cultivated for its leaves, which possess a very fine flavor boiled and served like Spinach. It makes also delicious soup according to directions given in Mrs. Rorer's book, "How to Cook Vegetables."

**Broad Leaved.**—This is the best variety. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.25 postpaid.

## Note

Superior vegetables are necessary to the prosperity of the Market Gardener. The inferior article may be more attractive at the beginning because it costs less, but the superior seed gives the more valuable product. You are bound to get the best vegetable seeds from us. We sell to market gardeners who must have only the best. No other seed house on the Pacific Coast caters to market gardeners as we do. The cheapest is never the best. The best is always the cheapest. Plant Aggeler & Musser's Reliable Seeds and insure success.

### A WORD ABOUT TOBACCOTINE

It is sure destruction to aphid wherever they appear. We first discovered this in connection with the aphid that wrought such great destruction to the peas in the Cahuenga Valley for the past two years. We first experimented with Nicotine, which proved successful, but on account of the cost, it was out of the question to use Nicotine. We then tried Tobaccotine mixed with Sulphur to make it adhere to the foliage. This proved to be better than Nicotine with the advantage that the Sulphur prevents mildew as well, and the difference in expense as compared with Nicotine is eight to one in favor of Tobaccotine. Applied according to directions it is harmless to plants, and it is non-poisonous. We recommend it as sure destruction to aphid wherever they appear. Price with Sulphur,  $\frac{1}{2}$  pt. 55c; 1 pt. 85c; 1 qt. \$1.15; 5 gal. without Sulphur \$7.50.

Upon our advice, Mr. Tanaka of San Dimas purchased a five-gallon can of Tobaccotine to apply on his peas for aphid. Afterwards he writes us as follows: "I got the Tobaccotine from you. I tried it, and find it has a good effect. Therefore I enclose this letter and \$15.00 for ten gallons of it. Ship by express immediately."

R. F. Ryan of Downey says: "My cabbage was covered with aphid. I bought from you a Lowell Sprayer and five gallons of Tobaccotine. One application cleaned it and I marketed the prettiest cabbage in that neighborhood."

Tobaccotine cannot be sent by mail.

All Express lines now carry SEED at a special reduced rate of 20 per cent less than general merchandise. We advise shipment by express as it guarantees safe and prompt delivery.



## Spinach

**Culture.**—Sow in drills, one foot apart, and for succession every two weeks; as it grows, thin out for use, keeping clean of weeds. It grows the year round in California. One ounce of seed for 100 feet of drill; 10 lbs. to an acre.



**A. & M. Summer Success**

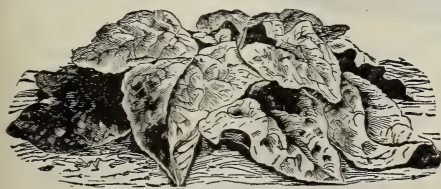
**A. & M. Summer Success.**—For several years we have endeavored to secure a type of Spinach that would prove profitable to grow in summer time and after several trials this one proved the greatest success. With moist, loamy or peat land the A. & M. Summer Success will grow leaves fourteen inches long. The leaves are very meaty and crisp. Per pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 20c; lb. 50c. Postpaid.

**Prickly Seeded, or Winter Spinach.**—This variety thrives best in the coldest weather, and is the money-maker for the market gardener. Our seed is imported from Holland, and for ten years has given entire satisfaction. The leaves are large, fleshy and very tender. Per pkt. 5c; oz. 10c; lb. 35c. Postpaid.

**Round Summer.**—Leaves thick and fleshy, not as large as the winter variety, but better for summer growing in damp land. Per pkt. 5c; oz. 10c; lb. 35c. Postpaid.

**Improved Thick-Leaf Variety.**—Leaves are very thick and large, but coarse. Better for winter growing. Per pkt. 5c; oz. 10c; lb. 35c. Postpaid.

**Long Standing.**—This is a good sort for market gardeners because it is slow to shoot to seed, and the quality is equal to the best winter variety. Per pkt. 5c; oz. 10c; lb. 35c. Postpaid.



**New Zealand**

### NEW ZEALAND

This variety, although not new, is little known. Every home garden should have a small plot to New Zealand Spinach. It is easily grown and remains green and tender the year round, even during the hot summer months. For table use it is quite equal to the common Spinach. The market gardener would have a source of income all the year with one-half acre planted to these excellent greens.

One ounce of seed would plant a plot large enough for a family garden. Five pounds will plant one-half acre. Per pkt. 5c; oz. 15c;  $\frac{1}{4}$  lb. 35c; lb. \$1.00. Postpaid.

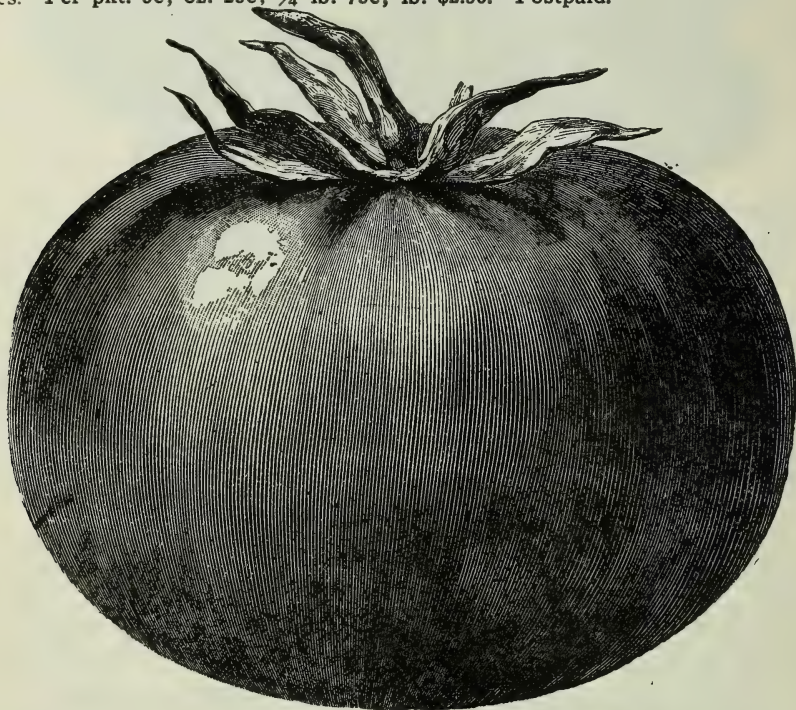
**Swiss Chard** is not a spinach but should be grown in every garden. Cook the leaves as spinach and the stems as asparagus it is excellent. See page 25. Price, pkt. 5c; oz. 10c;  $\frac{1}{4}$  lb. 25c; lb. 75c.

## Tomatoes

**Culture.**—Tomatoes do best on light warm, not over-rich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hot-beds from 6 to 8 weeks before they can be set out of doors, which is when danger from frost is past. Transplant carefully and cultivate well as long as the vines will permit. In order to have Tomatoes the greater part of the year, plant different varieties in the following order: Stone Tomato from March to August; A. & M. First Early all the year round. Unless frost and excessive rains kill your vines you will have ripe Tomatoes all the year. Tomato-growing in Southern California ranks equally with cabbage and celery. While a large percentage are shipped to Eastern cities, most of them are used by our local canneries. Before purchasing your seed always secure our advice as to the variety, stating whether for shipment, canning, or for the local market.

**A. & M. First Early.**—See novelty page 14.

**Acme.**—The fruit of the Acme is a bright pink color, is medium sized, smooth and solid; probably the best of all for shipping. It is a great favorite in the Southern States. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.



The Boulder

**Dwarf Champion.**—Has long been a mid-summer Tomato. Pink in color, smooth and solid, making it a good shipping variety. This has proven very satisfactory in Arizona. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**Dwarf Stone.**—This Tomato is bright red, solid, smooth and a good shipper. The fruit is in all respects like the Stone, while the vine is dwarf and the foliage dense like the Dwarf Champion. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**The Boulder.**—This Tomato was introduced by us three years ago. We now have a second and more positive proof of the superiority of this Tomato. Grown side by side with the Stone, the only difference is the enormous size of the fruit. We have received numerous testimonials praising it, none unfavorable. Mr. S. J. Murdock of Westminster says of it: "I never saw anything to approach it in productiveness and all round good qualities." Per pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$4.00. Postpaid.



## TOMATOES—Continued



The Hummer Globe

well on top of hill, with very little water, and have been entirely free from rot.

"A. B. Carey,

"Sonoma Co., Cal."

**HUMMER GLOBE**

We consider this one of the finest tomatoes for the market gardener. It is early, solid, smooth, good size, bright red, and enormously prolific, with abundant foliage to protect the fruit from scalding. As a shipper it cannot be excelled, even by the popular Stone tomato.

Price, pkt. 10c; oz. 40c;  
 $\frac{1}{4}$  lb. \$1.00; lb. \$3.00.  
 Postpaid.

Read this testimonial from Arizona:

"The seeds we bought from you have proven true to name and entirely satisfactory, more especially the Globe Tomato, which we have grown for two years from your seed.

"J. S. Andrews,  
 "Oro Blanco, Ariz."

"The Hummer Globe Tomatoes, the seed of which I got from you, in the Spring, have done very well and are excellent. They have done

**Earliana.**—The plants are quite hardy, with rather slender branches and moderate growth, well set with fruits, nearly all of which ripen extremely early in the season. The Tomatoes are bright red and close together in clusters of five to eight; all of medium size, averaging  $2\frac{1}{2}$  inches in diameter. They are smooth and solid, quite thick through and free from rough ribs or cracks. The flesh is a deep red, with solid center and small cells, slightly acid flavor. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**Success Tomato.**—This variety has proven a success indeed. It has been pronounced by several growers to be better than the Stone. The writer went to see one field growing at El Monte and can well testify that the field looked as well as any field of Stone Tomatoes (which they very much resemble.) They are better for the canneries, having less tartness than the Stone and less seed. From the several testimonials we have, we heartily recommend the Success Tomato. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**Stone.**—This is the most popular Tomato in Southern California. Fully one thousand acres are planted to this variety exclusively for shipping to Eastern points after other Tomatoes have been destroyed by frost. For this purpose the seed is planted about June 15th, and the Tomato brought to full size about October 1st, after which it gradually ripens as wanted for shipping. The Tomato is of good size, bright red, solid and smooth, enormously productive. Our seed was grown apart from any other variety and we confidently say no more perfect field of Stone Tomatoes ever grew anywhere than the field from which our seed was taken. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

**Chalk's Early Jewel.**—The Tomatoes come in good-sized clusters and are uniform in size and shape, having a most attractive appearance when packed for market. The fruits are very deep through from stem to blossom end; the solid flesh is entirely free from hard core, streaks, or blemish. The ripe Tomatoes are of a brilliant scarlet color, free from rot, and do not crack open in hot weather, if picked as fast as they are ready for market. Per pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; lb. \$2.50. Postpaid.

## TOMATOES—Continued

**Ponderosa.**—A very large pink Tomato of excellent flavor, almost solid, having very small seed cavity. A favorite in family gardens, but too soft to can or ship. Per pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50. Postpaid.

**Beefsteak.**—One of the largest of all Tomatoes, bright red, solid, meaty and delicious; a rank grower and very prolific; one of the most popular in the home garden. Per pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00; lb. \$3.50. Postpaid.

**Coreless.**—A bright red, globe Tomato; very desirable for the family garden, almost without seed or core. Per pkt. 15c; oz. 45c;  $\frac{1}{4}$  lb. \$1.25; lb. \$4.00. Postpaid.

**June Pink.**—Similar to Earliana except the color is pink instead of red. The foliage is about the same as the Earliana. Per pkt. 5c; oz. 30c;  $\frac{1}{4}$  lb. 90c; lb. \$3.00. Postpaid.

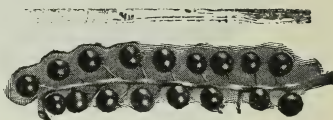
**Golden Beauty.**—A large yellow Tomato of delicious flavor, and when preserved with a slight flavoring of lemon, is better than preserves made of any other Tomato, because it lacks the strong Tomato flavor. It is an excellent variety for salad. Per pkt. 5c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00. Postpaid.

**Yellow Egg.**—Excellent for spicing and preserving. Small yellow egg-shaped Tomato of mild flavor. Per pkt. 5c; oz. 25c.



**Red Pear Shaped.**—Used for preserving and spicing. Per pkt. 5c; oz. 25c.

**Grape Tomato.**—It makes an attractive arbor vine with a profusion of delicious fruit for preserving. Per pkt. 5c; oz. 25c.



Grape Tomato

**Cherry Tomato.**—The fruit clusters are somewhat like the Grape Tomato, but are larger, about the size of a large cherry. Per pkt. 5c; oz. 50c.

**Ground Cherry.**—Grows like a Tomato; fruits like a Tomato, but the small fruit is enveloped with a husk. It is good for preserves. Per pkt. 5c.

Fall and winter Tomatoes for eastern shipment are grown extensively and are profitable. They are ready October to February, and bring good prices. These Tomatoes are shipped by freight in carload lots and are found in all eastern markets, after the local crops have been nipped by the frosts. The California fall and winter Tomato of the Stone variety has no equal as a shipper. Four years ago no shipments were made in carload lots, but now several cars daily go out during the shipping season.

## A Tonic for Tomatoes

Bordeaux Mixture is a fertilizer and sure preventive of blight that does not emanate from the roots but affects the vines in the fall and after rains. Apply Bordeaux Mixture once every two weeks or oftener after the fall rains have commenced. It is non-poisonous as applied to plants. We sell Bordeaux in powdered form at 50c per one quart can. It cannot be sent by mail.

The larger part of all the tomato seed used in the United States is grown in California. Each year over four hundred acres in Los Angeles County is planted to tomatoes for seed only, one hundred acres in Orange County, as much in Ventura County, and several hundred acres farther north, yielding a total of about five carloads of seed shipped East and again mailed West and to all parts of the world. Southern California and near the Coast affords the best climatic conditions in all the world for growing tomatoes for profit, because of the late growing season and the large field for marketing.



## Turnips

**Culture.**—Plant for succession from September to March in drills 14 inches apart and thin out plants to 6 inches. Turnips thrive best in a highly enriched, sandy, gravelly or light, loamy soil. One ounce to 150 feet of drill, 1½ pounds to the acre.

**Early Purple Top Strap-Leaf.**—The most popular variety in this section for either family or market use; large size, white, purple above ground; flesh fine grained. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**Early White Flat Dutch.**—An early white fleshed strap-leaved variety; for quick growth, mild flavor and excellent quality. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**Early White Globe.**—A large, round Turnip, with sweet flesh. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**White Egg.**—Flesh white, firm, fine grained, mild and sweet. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**Extra White Milan.**—A new early, very white variety, with purple top and strap-leaf; mild and sweet. Remains in good condition for a long time. Per pkt. 5c; oz. 10c; ¼ lb. 30c; lb. 85c. Postpaid.

**Amber Globe.**—One of the best for general crop; grows to a large size; excellent for table or stock. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.



Early Purple Top Strapleaf

**Golden Ball or Orange Jelly.**—A rapid grower of excellent flavor; bright yellow color; good keeper and a superior table variety or for stock. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**Improved Purple-Top Rutabaga.**—The best of the Swede Turnips. Very hardy and productive; flesh yellow, of solid texture, sweet and well flavored. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 60c. Postpaid.

**Purple Top Globe.**—Solid, very sweet, slow to get pithy. The very best variety for the summer season.

Indeed, the best for any season, but slower to mature than the Strap-Leaf. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid.

**Snowball.**—One of the very best. It is a pure white, globe-shaped Turnip, of recent introduction. We offered a few pounds last season with the result that we expect it to supercede all other globe varieties. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 85c. Postpaid.

**14 Top Turnip.**—This is a good Turnip but prized chiefly for its tops which are cooked as greens. Also used as pasture for stock. Per pkt. 5c; oz. 10c; ¼ lb. 25c; lb. 75c. Postpaid



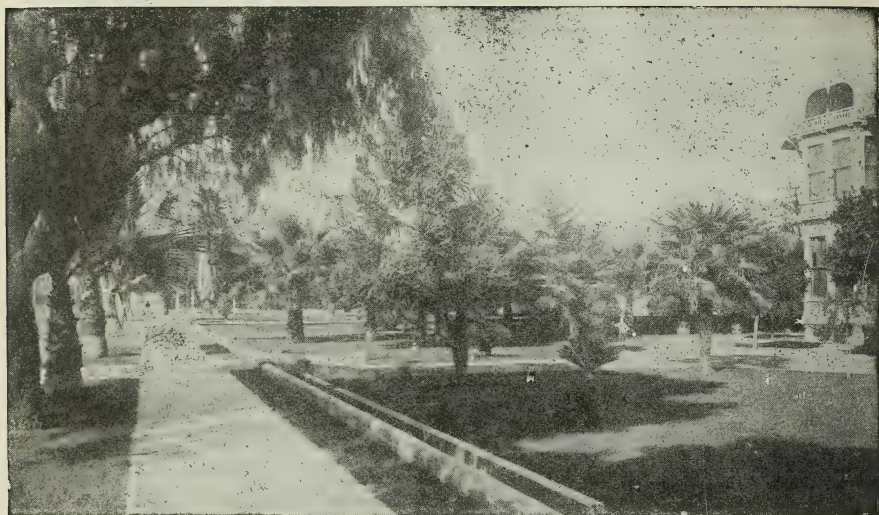
Early Flat Dutch

## Poultry Supplies

If you are interested in raising Poultry read the latter pages of this book. You will find a list of Poultry Foods, Poultry Remedies, Poultry Supplies of all description. Petaluma Incubators and Brooders.

If you want fancy poultry of any kind, or eggs, write us. We may be able to get what you want as we are in touch with many poultry fanciers.

## Grass Seed For Lawns



A Los Angeles Lawn

**Hints on Lawn Making.**—Lawn grass seed may be sown the year round in California. In making a new lawn the soil should be carefully cultivated to the depth of one foot, and prepared to the desired level, and well rolled, after which a light raking will prepare it for the seed. If the soil is poor it should be enriched with some good commercial fertilizer. Sow the seed carefully and evenly, using one pound to cover an area of 250 square feet; rake in well and roll. Water frequently with a very fine spray.

**Fertilizing the Lawn.**—To keep up the beauty of a lawn, it will be necessary to feed the grass well. You cannot expect it to retain that depth and richness of texture and color which characterizes it while young, after the elements of plant food have been exhausted.

**Fancy Kentucky Blue Grass.**—The purest and best lawn seed. Produces a lasting and beautiful effect. We sell only the finest quality of this seed. **Per lb. 45c; by mail 55c.**

**White Dutch Clover.**—Makes a showy effect much quicker than the Blue Grass. In conjunction with Blue Grass, however, it forms the finest and closest turf. **Per lb. 45c; by mail 55c.**

**Lippia Grass.**—Similar in appearance to Clover. Very hardy; rarely needs water. It trails close to the ground, seldom needs cutting, and is almost indestructible; particularly desirable for parks, terraces and lawns in the country where water is scarce for it keeps green throughout the summer season with little water; propagated by transplanting. Sold in boxes. One box will be required to set about 300 square feet. **Per box \$1.00.**

We give particular attention to the quality of our **Lawn Grass Seed**. Our Kentucky Blue Grass and our White Clover is always tested thoroughly before purchasing. The result is that gardeners will have no other, knowing they will not be disappointed. Price of Grass Seeds fluctuates with the market conditions. Write for lowest price on large quantity.

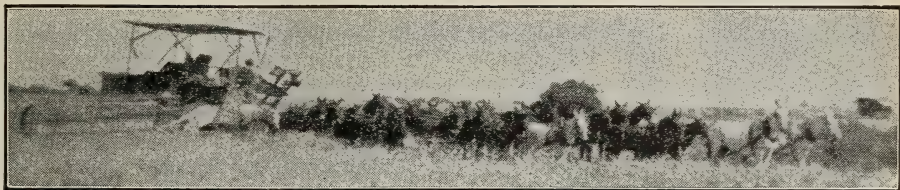
### Lawn Fertilizer

It does the work of twenty times its weight of barnyard manure; does it better, quicker and cheaper and lasts longer; does not disfigure your lawn with an unsightly, ill-smelling mass; contains no weed seeds and is easily applied. It is equally good for roses, flowers, vegetables and trees. The improvement is noticeable in four days.

If you want it for lawns, ask for our Lawn Fertilizer. **Price, 5 lbs. 25c; 25 lbs. 75c; 50 lbs. \$1.25; 100 lbs. \$2.50.**



## Grain



With our up-to-date facilities for cleaning all kinds of seeds, we aim to have all field seeds as clean and free from foul seeds as it is possible to make them.

Grain and other field seeds that pass in the open market as clean will often show ten per cent or more of broken grain, foul seeds, chaff and dust. Should our prices appear higher than elsewhere, you will find upon investigation that they are cheaper, because of the purity of the seed.

### BARLEY

We aim always to have the best it is possible to procure. We cannot fix a price because of the fluctuations of the market.

Bearded Barley, Beardless Barley, and Bald Barley.

Write for prices.

### OATS

**Texas Red (Rust Proof).**—This is the only variety that is profitable to plant here. We have on hand during the planting season:

Texas Red Oats—Grown in Texas.

Texas Red Oats—Grown in California.

Write for prices.

### WHEAT

**Sonora.**—Generally grown in the interior, thirty miles or more from the Coast.

**Defiance.**—Grown almost exclusively near the Coast because it is more nearly rust-proof than any other variety.

**Durum or Macaroni.**—Highly recommended by the United States Agricultural Department because it withstands drought, and is better adapted to dry farming on mesa lands. It has proven this claim in many places in the arid sections of the country. One grower from Weld County, Colo., writes: "Not a drop of water save a slight rain did my Macaroni Wheat have, yet it yielded 48 bushels to the acre."

Price, per lb. 10c; by mail 20c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.00.

### SPELTZ, (Emmer Wheat)

A grain for dry lands, introduced from Russia. This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting Wheat, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land or stony ground. The Experimental Stations of both the Dakotas report that it resists drought better than oats or barley. All animals eat it green greedily and are fond of the straw. Sow 70 to 80 lbs. per acre very early, same as barley or oats.

Write for prices.

### RYE (Winter)

Grown extensively for early winter pasture, green manuring, and for the straw, which is valuable for many purposes.

Write for prices.

### SILVER HULL BUCKWHEAT

Blooms longer and matures earlier than other varieties; grain of a beautiful light gray color with very thin hull, exceptionally good for bees.

Price, per lb. 10c; 10 lbs. 60c; 100 lbs. \$5.00. By mail 10c per lb. extra.

### COMMON BUCKWHEAT

Used extensively in the East for green manuring. It is one of the best honey producing crops and should be sown more extensively by apiarists.

Price, per lb. 10c; by mail 20c; 100 lbs. \$5.00.

## Field Corn

We are listing only those varieties that have been tried here and have proven highly satisfactory. Prices of all varieties of Eastern Corn subject to change. Price, per 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.50.

### LARGE WHITE DENT CORN

Champion White Pearl.....	100 days
Wisconsin White Dent.....	110 "
Iowa Silver Mine.....	100 "
Red Cob Ensilage.....	100 "
Hickory King .....	110 "

### YELLOW DENT CORN

King of the Earliest.....	90 days
Pride of the North.....	90 "
Reid's Yellow Dent.....	100 "
Early Mastodon .....	90 "
Improved Leaming .....	100 "
Iowa Gold Mine .....	100 "

### FLINT CORN

Sanford White Flint .....	90 days
King Philip Yellow Flint.....	90 "

Reid's Yellow Dent

### EL MONTE MONSTER

This is a monster corn. Grown on the damp land below El Monte, the stalks grow from twelve to fifteen feet high, with two to four large ears on a stalk. The ears with the husks are nearly as long and large as a man's arm. It will yield 110 bushels per acre. Because of its enormous growth and productiveness it should prove an ideal corn for ensilage. Price, 10 lbs. 75c; 25 lbs. \$1.25; 100 lbs. \$3.50.

**Orange County Prolific.** This white dent variety is strictly a California product and will surpass in amount of fodder or grain any other variety we ever offered, even exceeding the El Monte Monster. Mr. Thos. Herbert, who had previously claimed the El Monte Monster was the best of all, now freely acknowledges the Orange County Prolific excels it. It will readily yield one hundred and ten bushels of grain to the acre; from four to nine fully developed ears to the stalk. Our seed field in the San Fernando valley was the pride of all real estate boomers in that section. We have only a limited quantity; there fore it would be to your advantage to order early. Price, 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$5.00.

### POP CORN

**Rice.**—Sharp pointed grain is preferred by venders of pop corn, but is not profitable to grow here at usual prices because of the devastations of the worm. Per lb. 10c; by mail 20c; 10 lbs. 75c.

**Pearl.**—This is the variety so extensively and profitably grown around Inglewood. It yields enormously and even at two cents per pound is very profitable, but for several years the grower has received three cents per pound for the entire crop. Price, per lb. 10c; by mail 20c; 10 lbs. 75c.

Although our climate and soil in many sections is as good as any in the world to raise Corn we import more than we raise. This is wrong.



## Clovers

**Alfalfa.**—Our standard clover is probably the most reliable source of income of any of our field crops. If you have horses you want Alfalfa. If you have cattle, hogs or chickens, Alfalfa is the main food. You cannot ranch successfully without Alfalfa. The strong demand for Alfalfa hay is the cause of the scarcity of seed and consequent high price as compared with the price five years ago.

We always buy the best Alfalfa seed we can get, and we never buy any in which we can find the slightest trace of the following seeds: Dodder, Johnson Grass, Dock, Bermuda Grass, Morning Glory, or Buckhorn. Our success in sending out clean seed for several years past is evidence that we are experts in detecting foreign seeds in Alfalfa. You run practically no risk of getting any objectionable seed in your Alfalfa if you buy from us. Write for samples and prices, as the market is constantly changing.

Chillian or common alfalfa price on application.



Alfalfa

## Alfalfa

**Peruvian.**—A new long-season variety for the Southwest. Its unusual rapid growth, quick recovery after cutting, and continued growth through the winter in favorable climates, results in the production of one or two more cuttings of hay each year than are yielded by the alfalfa commonly cultivated. The explanation for this is found in the difference in the location of the zero point of growth in the Peruvian and in ordinary alfalfa. The temperature at which Peruvian Alfalfa ceases to grow is about 48 degrees Fahrenheit, while that of common alfalfa is about 57 degrees Fahrenheit. It winter kills easily and hence should not be grown where the winters are severe. It is not adapted to dry farming, as it gets woody when left too long without cutting. Price, per lb. 30c; by mail 40c; 100 lbs. \$25.00.

**Arabian.**—The zero point of the Arabian Alfalfa is higher than that of the Peruvian and lower than that of common alfalfa; hence it has a longer growing season than the common alfalfa. It has the same lack of hardness as the Peruvian variety and should not be planted in a rigorous climate. Price, per lb. 30c; by mail 40c; 100 lbs. \$30.00.

**Turkestan.**—The zero point of the Turkestan comes between the Arabian and the common variety; hence in a mild climate yields more than the common alfalfa, but will not stand the winters of a severe climate as well as the common variety. Price, per lb. 30c; by mail 40c; 100 lbs. \$24.00.

**Burseem (Egyptian Clover).**—This is the Alfalfa of Egypt, particularly adapted to the irrigated lands along the Nile. It ought to thrive in the Imperial Valley. We have secured some of the seed from Egypt for trial here. Sow fifteen pounds per acre. Price, per lb. 50c; by mail 60c.

**Alsike or Swedish Clover.**—This is one of the hardiest varieties known. It is perennial and does not winter kill. It will do better on moist land than any other variety of Clover, and is suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. Write for price.

**Burr Clover.**—See page 72.

## Grasses



## PARRA GRASS

**Parra Grass.**—The grass for marshy land. This grass comes from Vera Cruz, Mexico, and is not propagated from seed, but from the stems that are cut off, doubled and planted where wanted. This grass was recommended to us by a large cattleman of Vera Cruz, who says of it: "The picture shows the grass at eight months' growth nearly as tall as a man. All stock relish it; it is sweet and succulent, and when established, will stand any amount of pasturing or cutting for hay. It is a sod and can be destroyed simply by turning under. It thrives best on heavy, wet or damp land." We have a limited amount of the grass which we procured from Vera Cruz. It was sent us like a sheaf of wheat, wrapped in gunny, was fourteen days in transit, yet every stem took root when planted. It multiplies rapidly. We offer a limited quantity, at 25c for 12 stems, by mail, postpaid.

**Italian Rye Grass.**—Excellent for damp land; grows rapidly; makes good hay, but is at its best in moist, low lands. It grows continuously until allowed to run to seed. Dairymen having moist land should avail themselves of this valuable pasture. Price, per lb. 15c; by mail 25c; 100 lbs. \$10.00.

**Perennial Rye Grass.**—Very similar to Italian Rye Grass, but will resist more drought. It survives the dry season and starts new growth when the rains set in. It is used extensively on mesa land, owing to its drought-resisting qualities. Price, per lb. 15c; by mail 25c; 100 lbs. \$10.00.

**Salt Bush (*Atriplex Semibaccatum*).**—This is the common Salt Bush; will grow on any soil, even in the strongest alkali, and will thrive luxuriantly for years without rain, absorbing its moisture from the air. One two-year-old root will in one season cover an area of twelve feet in diameter eight to ten inches deep with fine twigs and foliage; very palatable to sheep and goats. Horses and cattle learn to become fond of it, but do not eat it readily. Plant the seed on any waste land, and turn the place into profit. Price, per lb. 85c, postpaid.

**Timothy.**—Does very well in moist land and will mature a fine crop of hay in 110 days from seed. Write for price.

**Bermuda Grass.**—Excellent for pasture meadows, but a pest on the farm or in the garden. Withstands drought and grows luxuriantly when irrigated. Sow 10 pounds per acre. Will stand more pasturing than any other grass we know of. Price per lb. \$1.00. Postpaid.



## Millet

**German Millet.**—Produces from 4 to 5 tons of hay to the acre, and from 70 to 80 bushels of seed. Seed sown in moist land will mature a heavy crop of hay without irrigation. Yields two crops in a season. Sow 30 pounds to the acre. Price, per lb. 10c; 10 lbs. 50c. Write for price on large quantity.

**Common Millet.**—It is an annual grass, its luxuriant leaves being very juicy and tender, are much relished by all stock. It makes a very good hay. Sow 30 pounds to the acre. Price, 10 lbs. 50c. (By mail 10c per lb. extra.) Write for price on large quantity.

**Hungarian Millet.**—It germinates readily and stands great drought. Has numerous succulent leaves, broad and over a foot in length. Furnishes an abundance of green fodder, relished by all kinds of stock. Sow 40 pounds to the acre. Price, 10 lbs. 75c; by mail 10c per lb. extra. Write for price on large quantity.

**Hog Millet.**—Grows rapidly and abundantly. Hogs pastured on Millet need no further fattening. It attains perfection anywhere in the Southwest. Price, 10 lbs. 75c; by mail 10c per lb. extra.



Field of German Millet Grown for Us at Alpaugh, Cal.

## Fodder Plants

**Amber Cane.**—The first thing a good California farmer will do when settling upon a new homestead is to plant Amber Cane to supply feed for his stock. Within four weeks from the time of planting he can begin to cut fodder. Dairymen find that the cows will give more and richer milk from its use, and it is claimed that as high as 10 tons of green fodder have been grown per acre. It can be cut several times during the season if not allowed to get too high, and makes a good sweet hay. Sow 60 pounds per acre for best results. Is a profitable crop also to grow for the seed, which is excellent for feeding poultry. Price, 10 lbs. 75c; by mail 10c per lb. extra.

**Milo Maize, Kaffir Corn, and Egyptian Corn** are too well known to need description. Write for prices when needed, as the price fluctuates with the market.

**Improved Evergreen Broom Corn.**—This Broom Corn grows about 8 to 10 feet high, stands up well and is entirely free from crooked brush. The fiber is long and fine. Its great value is that it will not get red in the field before it is cut, but it is strictly a green variety of brush, commanding high price. It grows to perfection in all sections of Central and Southern California, back from the coast. Price, 10 lbs. \$1.00; by mail 10c per lb. extra. Write for quantity price.

**Dwarf Evergreen Broom Corn** is more desirable than the Tall in a locality where a strong wind prevails. It is also less trouble to harvest, while the yield is nearly the same as the Tall Variety. Price, per lb. 15c; 10 lbs. \$1.00; by mail 10c per lb. extra. Write for quantity price.

Write for special circular on Broom Corn Culture. It is free.

**Red Cob Ensilage Corn.**—Because of its profuse foliage it is one of the best varieties of corn to grow for ensilage or field pasture for cattle or hogs. Price, 10 lbs. 50c; 25 lbs. \$1.00; 100 lbs. \$3.50.

**Sweet Corn.**—Is one of the best fodder crops. We always have some to offer for that purpose at a low price.



A Corner in Cane

## The Greatest Soil Renovators

The sowing of nitrogen-gathering plants for green manuring has become so popular because of the excellent results attained and because of its cheapness as a fertilizer that its use is almost universal; not only for orchards, but for fields, particularly where melons are to be planted. When in the market, write for price, as it fluctuates from day to day.

**Foenugreek for Cover Crop.**—No seed germinates more quickly, and it is not nearly as susceptible to injury from frost as peas, nor is it attacked by mildew or other diseases. Owing to the rapidity of its germination and good growth during cold weather, a good crop of herbage can be secured if planted as late as February, which makes it of special value to walnut growers.

It will thrive on any soil that will grow peas or vetch. It will mature ready to plow under in three months during the coldest season of the year. Mr. W. J. Fosgate of Santa Clara says it is a wonderful soil renovator.

**White Canadian and Blue Peas.**—These excellent soil renovators are probably the best suited to our local conditions. They are hardy enough to withstand the rainy season without artificial and expensive irrigation. They absorb alkali if not too excessive. A luxuriant crop can be grown when planted after January 1st.

**Vetch.**—Probably more Vetch is now planted for a cover crop than anything else. However, it should be sown early, August or September, to secure a good growth before the cold weather of January. While it is very hardy, it requires a longer season than peas. It is a very satisfactory crop for renovating the soil, because it is a great nitrogen-gathering plant. Price on application.

**Whip-Poor-Will Cow Pea.**—This Southern Cow Pea has proven to be very satisfactory in this climate. It is a summer forage crop, or just the thing to grow in the late summer to plow under to enrich the soil for a crop of winter vegetables. Price per 10 lbs. \$1.00; 100 lbs. \$8.00.

**Burr Clover.**—The native Clover, and one of the best nitrogen-gathering crops, and very satisfactory for orchards. There is an increasing demand for Burr Clover, and the seed is very scarce and hard to obtain. It is the very best cover crop for poor or dry land, as it needs but little moisture. Price on application.

**Broad Windsor Bean.**—Grows upright on single stem, bearing a profusion of large, well-filled pods. The roots are enormously productive of nodules. We especially recommend it to hog ranchers. Price, per 100 lbs., \$5.00.



Foenugreek



Vetch



## Nitro-Culture

The introduction of Nitro-Bacteria into the soil by inoculating seed is no longer an experiment, but it is now a commercial fact. We have many customers who could not be induced to sow alfalfa without inoculating it. We can refer to numerous persons who will give it a very high recommendation.

The soil is full of air. Air is four-fifths free nitrogen. Think what limitless plant food, in the form of free nitrogen, the air contains. Right here the new discovery comes in. Plants cannot extract nitrogen from the air, but there are germs that can. These germs have been discovered and are now being used for that purpose.

These germs, when put into the soil, fasten themselves to the roots of the plants, draw the free nitrogen out of the air, and feed it to the plants.

**Method of Using.**—The bacteria are furnished dried on absorbent cotton and can be readily forwarded by mail to any section of the country. Full directions accompany each package, which no farmer can have any difficulty in following out.

When ordering always state what crop you wish to plant so that the proper bacteria will be furnished. It can be applied only to the following: Beans, Peas, Alfalfa, Vetch, Peanuts, Foenugreek, or any legume or pod-bearing plant.

**Trial package 50c; 1-acre package \$1.50; 5-acre package \$5.00; 20-acre package \$18.00; 50-acre package \$40.00.**

**Special Garden Packages: Sweet Peas, 25c; Garden Beans, 25c; Garden Peas, 25c.**

The sowing of nitrogen-gathering plants for green manuring has become so popular because of the excellent results attained and because of its cheapness as a fertilizer, that its use is almost universal; not only for orchards, but for fields, particularly where melons are to be planted.

To inoculate the seed with Nitrogen-Bacteria insures a luxuriant growth on poor soil and doubles your crop on any light sandy soil.

## Field Crops

### COTTON

**Mit Affi (Imported).**—Per lb. 40c; by mail 50c.

**White Wonder (Oklahoma Grown).**—One of the very best long staple varieties. Per lb. 25c; by mail 35c.

**Mehane's Triumph Big Boll.**—It is a cross between the Texas Storm-proof and the Peterkin. It is a large boll, short-pointed, prolific cotton. **Price, lb. 25c; by mail 35c.**

### THORNLESS CACTUS

If you have a piece of waste land, plant it to Thornless Cactus. During a dry season when fodder is scarce you can rely upon the Cactus. A few plants in a home garden will prove desirable for the fruit, which is considered very good. Write for price.

### RUSSIAN FLAX-SEED

Farmers should not lose sight of the fact that Flax can be raised where wheat is raised, and where tried has brought better returns for amount of labor invested than wheat. Thirty to forty pounds will sow an acre. Write for price.

### HEMP SEED

This is a crop that deserves more attention. The seed can be marketed with us. The fibre is in demand in eastern markets. **Per lb. 10c, by mail 20c; 6 lbs. 50c.**

### MAMMOTH RUSSIAN SUNFLOWER

Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg-producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value. Every farmer should plant some of the seed in any waste piece of ground any time from early spring up to the middle of July. Three pounds of seed will plant one acre. **Price, 1 lb. 10c, by mail 20c.** Write for quantity price.

**Canary.**—This can be grown as successfully here as anywhere in the world. The only discouragement has been its great destruction by birds. Try an acre. It is profitable. **Per lb. 10c; by mail 20c; 10 lbs. 75c.**

**Rape.**—Thousands of sacks of rape are imported each year, while it grows wild in some localities near Los Angeles. It is profitable and finds a ready market. **Price, per lb. 10c; by mail 20c; 10 lbs. 75c.**

### TOBACCO

**Pennsylvania Broad-Leaf.**—The best variety to grow for all purposes. Leaves attain a size of 36 inches wide by 42 inches long. **Pkt. 10c; oz. 50c.**

## Potatoes

We make a specialty of handling only first-class seed of all the popular varieties suited to each locality and in their proper season. If you are in doubt what variety to plant and when to plant it, write us for special information. The popular varieties are the following:

**Red Early Rose, White Early Rose, Burbank, and American Wonders.** We have secured from Oregon a carload each of Red Early Rose and American Wonder. This seed is superior to seed shipped from any other locality; it is never scabby, and produces better crops. Write for price.

**Triumph.**—The best to plant on the desert where you want a quick crop and are short of moisture.

**Early Ohio.**—Preferred by some for home garden because of their excellent quality.

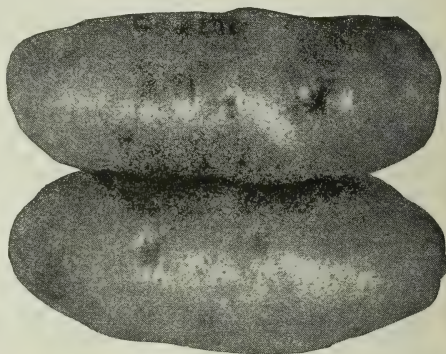
**American Wonder.**—Although well known in the North, this Potato was unheard of in this locality until three years ago, when we introduced it here. It proved to be earlier and more profitable than the White Early Rose, and better for table use. Should you plant a few rows for your garden, or a large field for the market, you cannot make a mistake in planting the American Wonder.

L. Whitmore, of Sawtelle, says: "We planted eleven sacks of American Wonder Potatoes March 24th. In seventy-five days, less than eleven weeks, we marketed 890 thirty-pound boxes of potatoes, nearly 27,000 pounds, or 230 sacks, all from about two acres of ground."

A number of dealers in Los Angeles who could not tell the difference between the Burbank and the American Wonder sold Burbanks last season to people who wanted American Wonders for seed. This of course misleads quite a number of people to the detriment of the American Wonder Potato.

The other varieties mentioned above have long been the leading potatoes in Southern California. We introduced the White Rose just ten years ago. It has since been the leading variety, but the American Wonder now surpasses it for yield, quality, and earliness.

**IMPORTANT NOTICE.**—Last season our attention was frequently called to the fact that many dealers in the commercial table potatoes were offering Burbank and the White Elephant potatoes for the White Rose. It is difficult for the inexperienced person to detect the difference. You cannot afford quite a mistake. Buy your seed from reliable seed dealers. It is always cheaper.



American Wonder

## Sweet Potatoes

The handling of Sweet Potatoes for seed purposes has been unsatisfactory to our customers as well as to ourselves, on account of the perishable nature of the small Sweet Potato. We have decided to list only plants of which we will have a large supply, at lowest market price.

### CULINARY PLANTS AND ROOTS

Always on hand in season.

By mail, add 10c for postage.

Asparagus	.....1 doz.	25c
Cabbage	.....1 doz.	10c
Cauliflower	.....1 doz.	15c
Horse Radish	.....1 doz.	15c
Pepper	.....1 doz.	25c
Rhubarb	.....1 root	10c
Sweet Potato	.....50 roots.	25c
Tomatoes	.....1 doz.	10c

Write for prices on large quantity.

By mail, add 5c for postage.

Catnip	.....1 plant	5c
Mint	.....1 plant	5c
Marjoram	.....1 plant	5c
Sage	.....1 plant	5c
Thyme	.....1 plant	5c
Tarragon	.....1 plant	5c
Chives	.....1 clump	5c



# General Descriptive List of Select Flower Seeds

## ABRONIA UMBELLATA

Verbena-like, rose-colored flowers, elegant trailing habit, admirably adapted for rockwork or hanging baskets. **Per Pkt. 5c.**

## ADONIS AESTIVALIS (Pheasant's Eye)

Showy annual of easy culture, with pretty, fine cut foliage, dark crimson flowers, lasting a long time. **Per Pkt. 5c.**



**Ageratum Little Dorrit**

## AGERATUM (Floss Flowers)

Effective bedding, half hardy annual, remaining in bloom throughout the summer. The flowers of the taller sorts are much in demand for bouquets.

**Imperial Dwarf Blue.**—Habit very dwarf and compact, well adapted for ribbon borders, height 9 inches. **Per Pkt. 5c.**

**Little Dorrit.**—A charming dwarf variety. The plants are compact and produce a perfect mass of blue flowers. Height, 9 inches. **Per Pkt. 5c.**

**Mexicanum.**—Well adapted for large beds. Flowers blue. Valuable for bouquets. Height, 8 inches. **Per Pkt. 5c.**

**Mexicanum Album.**—Similar to the preceding, except that the flowers are creamy white. **Per Pkt. 5c.**

## AGROSTEMMA CORONARIA

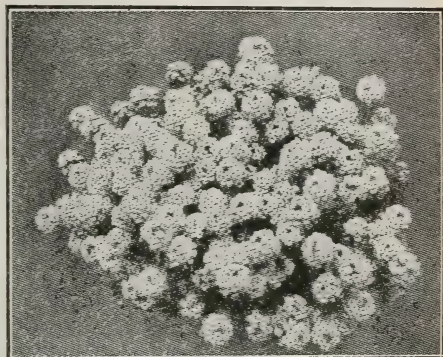
For their beauty the flowers of the common Agrostemma, known as Rose Champion, were formerly woven into garlands or crowns, hence the name Coronaria. Hardy Perennial, easily grown from seed. Height, 2 feet. **Per Pkt. 5c.**

## ALYSSUM

Beautiful little plants for beds, baskets, edging or rock-work, blooming profusely all summer and winter.

**Sweet.**—Free blooming, hardy annual, suitable for beds and edging, flowers white. Height, 9 inches. **Per Pkt. 5c.**

**Benthami Compactum (Little Gem).**—Beautiful miniature Alyssum, growing close to the ground, with small white flowers. Invaluable for edgings. **Per Pkt. 5c.**



**Alyssum Little Gem**

**Saxatile Compactum.**—There are too few early flowering perennials, and this variety will be especially appreciated, producing as it does large masses of bright yellow flowers. Height, 6 inches. **Per Pkt. 5c.**

## AMARANTHUS

Hardy annuals, brilliantly foliaged, growing from three to four feet high, useful in border of tall plants, or in centers of large beds; thrives best in a hot, sunny location when given sufficient room to develop their full beauty.

**Candatus (Love Lies Bleeding).**—Long, drooping sprays of blood-red spikes. **Per Pkt. 5c.**

**Tricolor (Joseph's Coat).**—Rich scarlet and yellow foliage, with green and white shading. **Per Pkt. 5c.**

## AMMOBIUM ALATUM

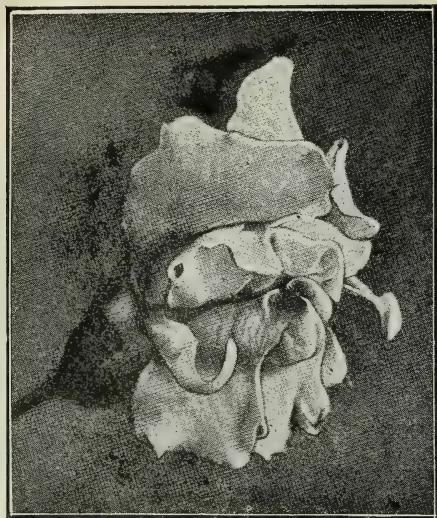
Valuable white everlasting; when fully expanded the flower has a yellow center. When sown early and treated as a hardy annual, the plants bloom freely the same year. Height, 2 feet. **Per Pkt. 5c.**

## ANTIRRHINUM (Snapdragon)

Antirrhinum thrive in almost any soil, and should receive more attention. It is undoubtedly one of the best cut flowers which can readily be grown from seed, while for bedding or borders they are unsurpassed.

**Antirrhinum Double White.**—Quite a new departure in the class of tall, large, flowering Snapdragons is here offered. Out of the mouth-like aperture in the flowers between the upper and lower lips, emerge abnormal fantastic petals, which give a double and beard-like aspect to the very large bloom. A striking effect is produced by the long spikes covered with these beautiful white flowers when used for bedding and they will be of great value as cut flowers. **Per pkt. 15c.**

**Majus, Queen Victoria.**—Striking variety, sending up numerous long spikes of pure white flowers. Excellent for cutting. **Per pkt. 10c.**

**Antirrhinum Double White**

**Majus, Fire King.**—Tall. Resplendent coloring of rich yellow and scarlet crimson. **Per Pkt. 10c.**

**Majus, Stratum.**—Tall. Spikes of beautiful striped flowers. **Per Pkt. 5c.**

**Majus, Album.**—Tall. Flowers of large size, pure white. **Per Pkt. 5c.**

**Majus, Grandiflora.**—Tall. Mixed; including all the new colors. **Per Pkt. 5c.**

**Antirrhinum Queen of the North**

**Nanum, Black Prince.**—Semi-Dwarf variety. Extremely rich color, which makes a splendid contrast with the lighter varieties. **Per Pkt. 10c.**

**Nanum, Queen of the North.**—Semi-Dwarf. An extremely beautiful pure white variety, well adapted for small beds or borders. **Per Pkt. 10c.**

**Nanum, Tom Thumb.**—Mixed. **Per Pkt. 5c.**

**Aquilega Chrysantha****AQUILEGA (Columbine)**

This pretty and interesting hardy perennial plant scarcely meets with the amount of consideration it deserves. When fully established the Aquilegas will stand frost well and the earliness and abundance of their blooms ought to render them general favorites. Many of the varieties are extremely beautiful, ranging in height from 1 to 3 feet.

**California Hybrida.**—Singularly attractive variety, with bright yellow and orange, long-spurred flowers. Height, 2 feet. **Per Pkt. 5c.**

**Coerulea.**—One of the finest varieties, pale blue and white flowers with long spurs. Height, 2 feet. **Per Pkt. 5c.**

**Glandulosa Vera.**—Very large, erect dark blue flowers, tipped white, singularly attractive. Height, 1 foot. **Per Pkt. 5c.**

**Coerulea Hybrida.**—Beautiful Hybrids, bearing large, long spurred flowers in a great variety of colors. **Per Pkt. 5c.**

**Skinneri.**—True scarlet tipped green. **Per Pkt. 5c.**

**Vulgaris.**—Double white, very fine. **Per Pkt. 5c.**

**Double.**—Mixed; all colors. **Per Pkt. 5c.**

**Single.**—Mixed; all colors. **Per Pkt. 5c.**

**ARCTOTIS (African Daisy)**

**Grandis.**—Large pearly white Marguerite-like flower, with delicate mauve center surrounded by a narrow golden band. The whole plant is covered with white down and produces a striking effect in the border. Half hardy annual. Height, 2 feet. **Per Pkt. 5c.**



**Aretotis (African Daisy)****AUSTRALIAN PEA VINE**

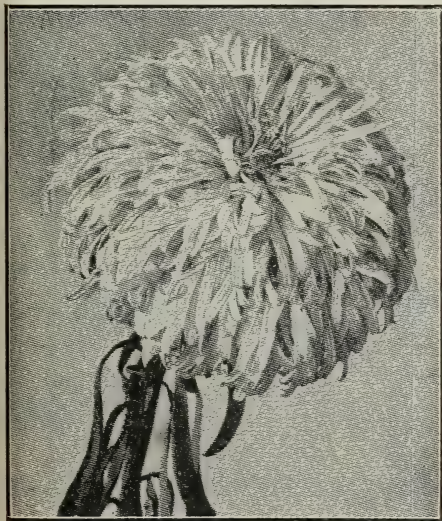
A rapid growing climber, flowering freely in large clusters of pink and white flowers. Very attractive and desirable for covering arbors, trellises, etc.

**Pink, changing to rose. Per Pkt. 5c.**

**Pure White.—Per Pkt. 5c.**

**ASTERS**

There is nothing more beautiful in summer and autumn than a pretty bed of Asters. They will thrive in any good soil, prepared in the same way as for a crop of vegetables, but any extra care taken in preparation of the soil is repaid by finer

**ASTER HERCULES****Brilliant Rose**

plants, larger blooms, with larger stems and more profuse flowering; preferring a sunny position, loamy soil, enriched with a liberal quantity of thoroughly rotted manure, also advisable to add wood ashes or air slacked lime.

For early flowering the seed should be sown early in the spring, when all danger of frost is over; for autumn flowering, the seed can be sown in August and September.

Sow your seed in pots or shallow boxes; always put plenty of drainage in either up to about one and half inches of the top; then put good rich soil to fill the balance, consisting of sand, leaf mold, and well rotted manure in a mixture of equal proportions. Then press this well and smooth, sow your seed and cover with some leaf mold. If not to be had, use loam mixed with plenty of sand to about a quarter of an inch, and when the plants have three or four leaves, transplant into a well-prepared bed, setting them 12 to 18 inches each way.

**Aster Hercules, Brilliant Rose.**—A new and very striking variety. The plant is of compact habit, varying in height from 16 to 20 inches and crowned with gigantic flowers of a lustrous rose color of unusual brilliance and of the most perfect curled and waved chrysanthemum type, measuring often 6 inches and more in diameter. For exhibition or for decoration in large vases it is unexcelled. **Per Pkt. 25c.**

**Snowball.**—A splendid Aster of dwarf symmetrical habit, not more than 12 inches in height. The pure white double flowers are imbricated, of extraordinary size, and are indispensable for exhibitions. **Per Pkt. 10c.**

**Triumph.**—Excellent Paeony-flowered Aster, of Tom Thumb habit. Large incurved flowers of dark scarlet. **Per Pkt. 10c.**

**Ostrich Plume.**—Extremely graceful Aster, with large, loose feathery heads, unrivalled for table decoration, flowers double and semi-double. The branching habit makes this a conspicuous border plant. Height 18 inches. Mixed. **Per Pkt. 10c.**

**Truffants Paeony Flowered Perfection.**—Large incurved flowers of the brightest colors. Height, 2 feet. Mixed. **Per Pkt. 10c.**

**Victoria.**—One of the finest classes for exhibition; flowers very large as the petals curve outward instead of folding in; the Victoria makes a splendid contrast to the Paeony flowered varieties. Height, 18 inches. Mixed. **Per Pkt. 10c.**

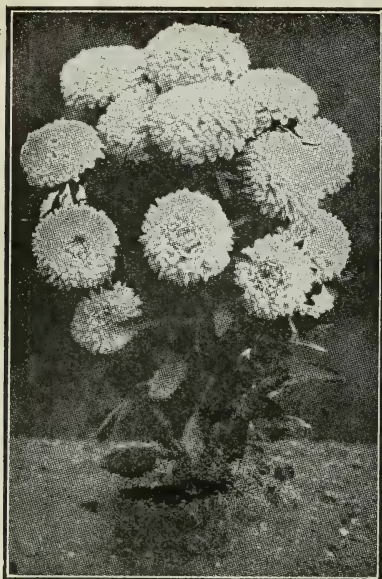
**Globe Flowered.**—Quilled flowers and branching habit. A showy class for mixed borders, large and free flowering. Height, 2 feet. Mixed. **Per Pkt. 10c.**

**Giant Hohenzollern.**—Excellent, robust class with enormous flowers of most refined shape, unsurpassed for cutting and exhibitions. Mixed. **Per Pkt. 10c.**

**Dwarf Chrysanthemums.**—Compact and free flowering, admirably adapted for edging. Height, 1 foot. Mixed. **Per Pkt. 10c.**

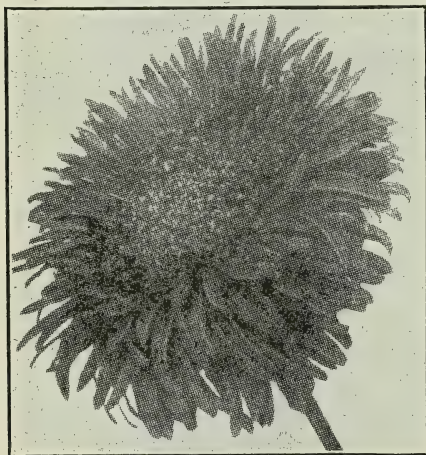
**Giant Comet.**—Elegant flowers, resembling the finest Japanese Chrysanthemums. Unrivalled for table decorations. Height, 18 inches. Mixed. **Per Pkt. 10c.**



**Aster Snowball**

**Ostrich Plume Pluto.**—A splendid new strain, large massive flowers of the deepest blood red, excellent for cutting. Per Pkt. 15c.

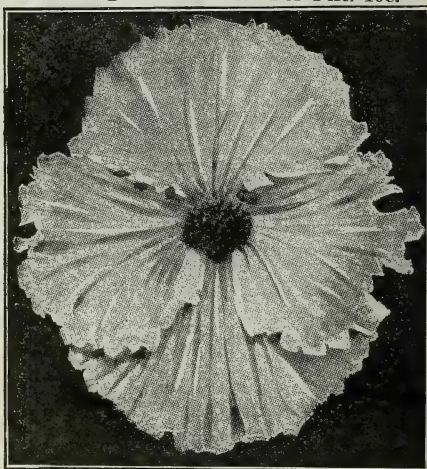
**Queen of the Market.**—One of the earliest blooming varieties, blossoming frequently in July, of spreading habit, 8 to 10 inches high. Blossoms medium size and the petals curve outward. Mixed. Per Pkt. 10c.

**Aster Ostrich Plume Pluto**

**Late Branching California Crown.**—This superb strain of American origin is especially adapted to our climatic conditions. The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, of immense size. These varieties are in-

valuable, as they come in just as the ordinary Asters are getting past their best, and give a succession of beautiful flowers for borders and vase decoration. We offer you the following select varieties:

- Branching White.**—Per Pkt. 10c.
- Branching Rose.**—Per Pkt. 10c.
- Branching Flesh Pink.**—Per Pkt. 10c.
- Branching Lavender.**—Per Pkt. 10c.
- Branching Purple.**—Per Pkt. 10c.
- Branching Crimson.**—Per Pkt. 10c.
- Branching Fine Mixed.**—Per Pkt. 10c.

**Begonia Gigantic Crispa**

**Begonia Hybrida Gigantea Crispa.**—An exquisite Begonia which comes true from seed and blooms in the open with the greatest freedom throughout the summer and autumn months. The flowers are of enormous size, varying in color from pure white to dark purple. The petals are curled wavelike, which lend to the flower an extremely graceful and loose appearance, while the bursting buds are folded and ruffled in such a peculiar fashion that they present the appearance of a large double flower. A very unique and striking novelty. Per Pkt. 15c.

**Asparagus Plumosus**



**Asparagus Plumosus.**—A graceful house or out-of-doors climbing plant, having feathery lace-like foliage finer than the most delicate fern. Too well known to need further recommendation. **Per Pkt. 10c.**

**Springerlii.**—A most desirable variety; valuable for hanging baskets, window boxes, vases, etc. The fronds frequently grow four feet long and are covered with leaves of a rich shade of green. **Per Pkt. 10c.**



Balsam

**BALSAM (Lady Slipper)**

Showy and easily grown, tender annuals succeeding best in sunny locations where there is rich loam. To grow fine specimens they should not be closer than 18 inches apart.

**Improved Camelia Flowered.**—In its extraordinary size, perfect form and brilliant colors, this fine strain of Balsams surpasses all others. Height 18 inches. Finest mixed. **Per Pkt. 5c.**

**Rose Flowered.**—Handsome double flowers in form resembling a rose. Height 18 inches, fine mixed. **Per Pkt. 5c.**

**Spotted.**—Large semi-double flowers well adapted for borders, fine mixed colors. **Per Pkt. 5c.**



Bellis (English Daisy)

**BELLIS (English Daisy)**

An old favorite perennial plant, which will thrive under any condition, also easy

to grow from seed, can be grown in pots, boxes or in beds, height from 3 to 6 inches.

**Snowball.**—Enormous, fully double, white flowers borne on long stems and are excellent for cutting. **Per Pkt. 10c.**

**Longfellow.**—Large, double, pink flowers. The combination of Snowball and Longfellow gives a most charming effect. **Per Pkt. 10c.**

**Mixed Double,** including various shades, ranging from flesh pink to crimson as well as pure white. **Per Pkt. 5c.**

**CAMPANULA (Bell Flower)**

Beautiful and well known herbaceous plants, producing large bell-shaped flowers in great profusion. Succeeds best in light, rich soil.

**Persicifolia Grandiflora Hybrids.**—Including pure white and various pleasing shades of mauve, blue, purple, and some elegant semi-double flowers, height 2 ft. **Per Pkt. 10c.**



Campanula

**Calycanthema.**—Improved mixed, a combination of the finest and most delicate colors in cultivation, including single, double and cup and saucer varieties, height 2 ft. **Per Pkt. 5c.**

**Medium.**—Choice selection of pleasing colors single mixed. **Per Pkt. 5c.**

**CANARY BIRD FLOWER**

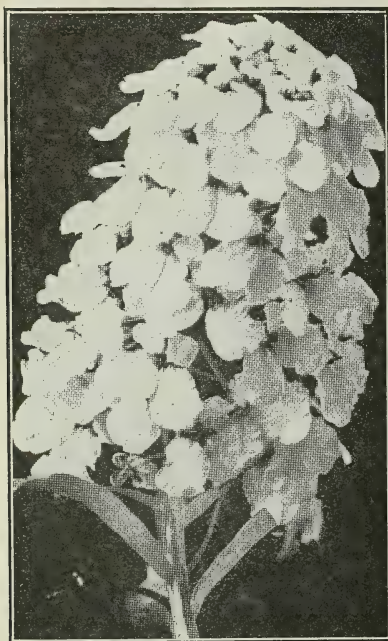
Tender, climbing annual, blossoms have curiously winged petals of light yellow. Excellent for trellis work or for suspended baskets. **Per Pkt. 5c.**

**CANNA**

Handsome decorative subjects for bedding, height 3 ft. Canna seed is extremely hard, and sometimes weeks elapse before the plants appear. The safest mode of assisting germination is to crack seed before planting. Afterwards it is necessary to keep soil constantly moist or the germs will suffer injury.

**Crozy's Hybrids.**—A magnificent race of Cannas. **Per Pkt. 10c.**





Candytuft Empress

**CANDYTUFT**

The Candytufts are among our best flowers for edging, for bedding or massing, for rockeries and for cutting. Several of the varieties are fragrant, and all are profuse in bloom. Sow out of doors early in spring, where they are to bloom, and thin well when the plants grow about an inch; then sow again in July for fall flowers.

**Coronaria Empress.**—Large trusses of pure white flowers, the finest candytuft yet raised. **Per Pkt. 5c.**

**Umbellata Purpurea.**—Exceedingly showy and effective variety bearing large spikes of dark crimson flowers. **Per Pkt. 5c.**

**Amara.**—Large, pure white flowers. **Per Pkt. 5c.**

**Umbellata Hybrida.**—Mixed, including the best large flowering varieties. **Per Pkt. 5c.**

**CACALIA (Tassel Flower)**

Hardy annual for mixed borders, flowers are tassel shaped and of a brilliant orange and scarlet color.

**Choice Mixed.**—**Per Pkt. 5c.**

**CALENDULA (Pot Marigold)**

Hardy annual, one foot high, blooming freely, practically the whole year around. Very desirable for inferior soil where less sturdy flowers do not thrive.

**Meteor.**—Large, double, yellow flowers, each petal striped with orange. **Per Pkt. 5c.**

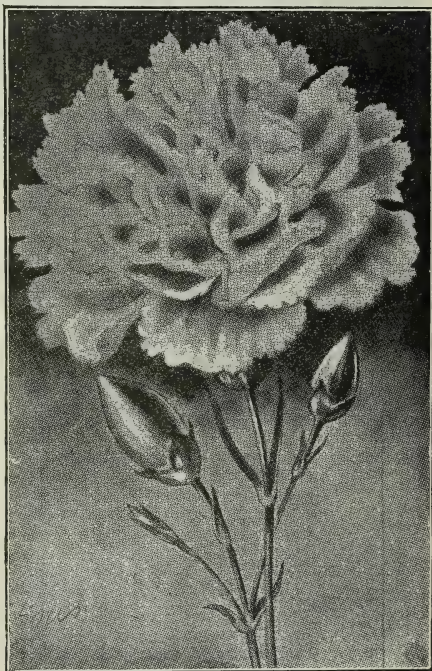
**Prince of Orange.**—Similar to Meteor but of a darker color. **Per Pkt. 5c.**

**CARNATIONS**

Our strain of these popular flowers is unsurpassable in beauty and variety of coloring, also in their delightful fragrance. For largest, richest flowers, we recommend their culture in pots of rich soil or small shallow boxes. Cover the seed lightly, and shade from the strong rays of the sun. When the young plants are

two or three inches high, they may be transplanted out into small beds. Shade and water them until established. Then they can be planted out in well-prepared beds, 12 to 18 inches apart. While the weather is cool, the ground should be mulched about 2 inches deep with well-rotted manure. This will not only help to retain the moisture in the ground, but also supply nutriment to the plants. The seed may be sown any time between March and September.

**Carnation Duchess of Saxony Coburg-Gotha.**—An exceedingly valuable strain of Giant flowering Carnation of a pure white color, freely produced and each bloom standing on a firm, long, erect flower stem. The great merit of this new variety is that it produces its exquisitely scented flowers within six months from date of sowing; hence it is easy to grow the best Carnations as annuals, saving all the trouble of wintering the plants. **Per Pkt. 20c.**

Carnation Duchess of Saxony  
Coburg Gotha

**Grenadin Scarlet.**—A valuable early flowering variety coming quite true to color and producing an exceptionally large percentage of sweet scented double scarlet flowers of a most telling color. **Per Pkt. 10c.**

**Marguerite Pure White.**—An exquisite sweet scented fringed flower of pure white color. Invaluable for bedding or indoor decoration. **Per Pkt. 10c.**

**Germania.**—An excellent companion to the preceding and producing very large double flowers of a deep rich canary yellow. **Per Pkt. 15c.**



**Marguerite Mixed Colors.**—Very varied; gives a large percentage of fine double flowers. **Per Pkt. 10c.**

**Early Flowered Vienna Dwarf.**—Extra early flowering strain of compact habit. Invaluable for bedding on account of the extremely free blooming habit of the plants. Colors varied and mostly double. **Per Pkt. 10c.**

**Double Mixed.**—Of great value for borders and masses, producing a large percentage of double and semi-double flowers. **Per Pkt. 10c.**

**Chabaud Earliest French.**—From the ease with which this fine Carnation can be flowered as an annual it has attained a popular position, and will continue to hold a foremost place in the garden. The beautiful fringed double flowers make a brilliant display of attractive coloring in the open and are greatly prized in borders and for table decoration. Mixed colors. **Per Pkt. 15c.**



**Carnation Chabaud Earliest French**

#### **CELOSIA (Cockscomb)**

Very ornamental and strong plants, producing magnificent spikes of feathery looking flowers. They succeed well in the garden and make very attractive pot plants.

**Empress.**—A handsome strain, large and compact heads; color splendid crimson. **Per Pkt. 10c.**

**Glasgow Prize.**—A greatly improved strain with immense heads borne on sturdy robust plants of dwarf habit. The color is a rich crimson, excellent for borders. **Per Pkt. 10c.**

**Pyramidalis Plumosa.**—Handsome pyramidal form bearing long feathery plumes in brilliant colors. Mixed. **Per Pkt. 5c.**

**Thompsoni Magnifica.**—A very fine selection of the popular feathered Celosia containing many pleasing shades of color varying from pale yellow to the deepest crimson. **Per Pkt. 10c.**



**Celosia Pyramidalis**

#### **CENTAUREA**

The hardiest of annuals, will grow and do well almost anywhere, and are much in demand as cut flowers.

**Candidissima.**—Broad silvery-white foliage, useful for bedding, height 1 foot. **Per Pkt. 10c.**

**Cyanus Emperor William.**—The rich, deep blue Bachelors Button. **Per Pkt. 5c.**

**Imperialis.**—A magnificent large flowered type exquisitely fringed and delightfully scented. The flowers are at least twice the size of the older varieties and retain their freshness in water a long period, and are well adapted for cutting. Height 3 feet.

**Imperialis Pure White.**—**Per Pkt. 10c.**

**Imperialis Yellow.**—**Per Pkt. 10c.**

**Imperialis Lavender.**—**Per Pkt. 10c.**

**Imperialis Mixed.**—**Per Pkt. 10c.**

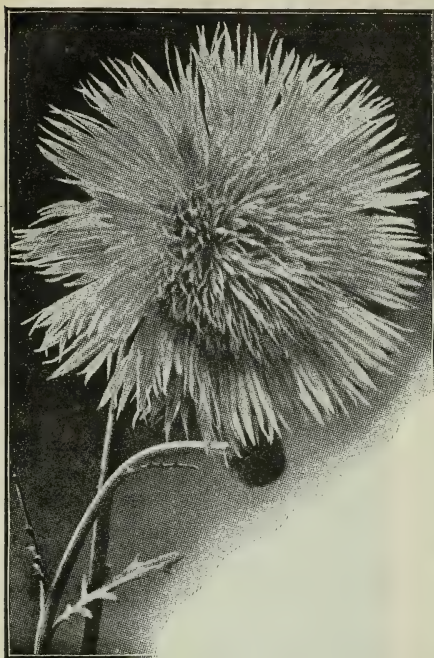
**Odorata Marguerite.**—Deservedly popular, pure white flowers of the Imperialis class. **Per pkt. 5c.**

**Odorata Light Blue.**—Showy sweet-scented flowers of clear mauve color. **Per pkt. 5c.**

**Odorata Mixed.**—Including white, and various shades of yellow, mauve, blue and purple. **Per pkt. 5c.**

**Moschata or Sweet Suttan.**—A well known type in white, yellow, lavender and purple blossoms.

**Moschata Alba.**—Flowers pure white and very fragrant. **Per pkt. 5c.**

**Centaurea**

**Fine Mixed.**—A combination of various colors. **Per pkt. 5c.**

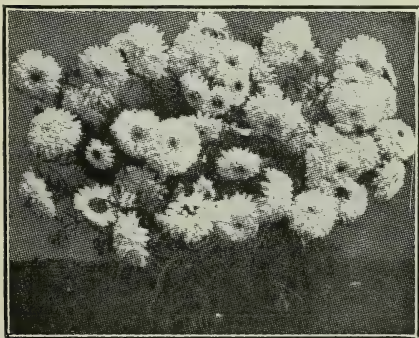
**Suaveolens.**—Bright yellow flowers. **Per pkt. 5c.**

**CHRYSANTHEMUM**

Annual assorted varieties; very showy and effective garden favorites; extensively grown for cut flowers.

**Carinatum.**—Single mixed, comprising a wide range of attractive colors. **Per pkt. 5c.**

**Carinatum Hybridum.**—Dwarf double mixed, produces a diversity of colors, including many new and attractive shades. **Per pkt. 10c.**

**Chrysanthemum (Bridal Robe)**

**Coronarium Compactum Fl. Pl. White Pearl.**—A vigorous-growing class of a branching habit, bearing large, pure white, double flowers, invaluable for cutting as they retain their freshness for a long period in water. **Per Pkt. 15c.**

**CHEIRANTHUS MARTIMUS****(Virginia Stock)**

Early flowering, hardy annual, largely grown for its bright effects in beds and borders. Height 9 inches.

**Choice Mixed.**—**Per Pkt. 5c.**

**CINERARIA**

As a showy greenhouse or window plant the Cineraria has but few equals, bearing, as it does, hundreds of large showy flowers of various colors. Seed should be sown in well drained seed pans or shallow pots of light rich soil, giving the seed but a very slight covering. Place a piece of glass over the pot to retain moisture. When the plants have made their first pair of leaves, they should be potted off into small pots. As fast as the pots are full of roots, shift into larger one till the flowering size is reached.

**Cineraria Grandiflora**

**Cineraria Hybrida Grandiflora.**—This superb strain of Cineraria saved exclusively from the most perfect large flowered prize varieties, is distinguished by its splendid range of colors. The mixture includes every conceivable shade of pink, carmine, crimson and blue, varying from the palest forget-me-not to the richest violet, as well as pure white, and blue and white. The flowers are of immense size, borne on plants of compact robust habit. **Per pkt. 35c.**

**Hybrida.**—Choice mixed; splendid strain of compact growth, bearing large exquisitely colored flowers. **Per pkt. 25c.**

**CLARKIA**

These popular summer annuals are all perfectly hardy, and can be grown with the utmost ease in ordinary soil. They flower profusely and are exceedingly bright and attractive, especially in masses. Seed sown in the fall will give early blossoms in the spring; can be sown almost any time.

**Elegans.**—Single and double mixed. **Per pkt. 5c.**



**CLIANTHUS (Australian Glory Pea)**

**Clanthus Dampleri.**—One of the handsomest plants in cultivation; it climbs to about ten feet; with neat compound leaves and drooping clusters of large rich scarlet pea-shaped flowers 3 inches in length; similar to the splendid blossoms of the coral tree, each flower being picturesquely marked with large black blotches in the center. **Per pkt 15c.**

**COBEA SCANDENS (Cup and Saucer Vines)**

A climber of rapid growth; very valuable for covering trellises, arbor, trunks of trees, etc. Will cling to any rough surface, often attaining a height of 30 to 40 feet in one season.

**Scandens.**—Large bell-shaped purple flowers. **Per pkt. 10c.**

**Scandens Alba.**—Pure white, **Per pkt. 10c.**

**COLEUS**

These beautiful and ornamental foliage plants, producing the most attractive colors; a most interesting subject to grow from seed. To watch the foliage change into a variety of colors as it grows day by day it is wonderful. **Per pkt. 15c.**

**Convolvulus.**—See Morning Glory.

**Calliopsis Tiger Star**

**Calliopsis Radiata Tiger Star.**—A rich and continuously blooming annual with pretty, peculiar flowers. The leaflets of each flower are twisted like those of the well known Cactus Dahlia. Toward the center they show a vivid reddish brown coloration, the outer part being brilliant golden yellow-tinged. The plants reach a height of about 8 inches and form round compact bushes which are throughout the summer literally covered with pretty flowers. Easy culture, modesty regarding the soil, an early willing and continuous flowering are features that render this novelty most valuable to both amateurs and gardeners. **Per Pkt. 10c.**

**Lanceolata Grandiflora.**—Produces a profuse and long-continued succession of large, bold, golden-yellow flowers during the whole summer months. Seed sown in March will flower the same season. Height, 2½ feet. **Per pkt. 10c.**

**COSMOS**

Handsome half hardy annual with feathery leaves, producing a large number of flowers resembling small single dahlias. Very suitable for cutting.

**White.**—Per pkt. 5c.

**Pink.**—Per pkt. 5c.

**Crimson.**—Per pkt. 5c.

**Mixed Colors.**—Per pkt. 5c.

**Cosmos—New Gigantic Orchid Flowering Lady Lennox.**—This, the latest development of this popular autumn flower, is a forerunner of a new race of Cosmos. The flowers extraordinary in

**Coleus****COREOPSIS**

Also known as Calliopsis, will grow luxuriantly in any situation and are most useful, affording a constant supply of richly marked flowers for cutting. All varieties are annuals with the exception of C-Grandiflora.

**Tintoria.**—Showy, yellow and brown flowers, height 2½ to 3 feet. **Per pkt. 5c.**

**Drummond.**—Large, rich, golden-yellow flowers with chestnut-brown centers produced in abundance, height 18 inches. **Per pkt. 5c.**

**Mixed.**—A selection of the brightest and richest colored large-flowered varieties. **Per pkt. 5c.**

size, being 6 to 7 inches in diameter, with wide overlapping petals of an exquisite shade of Shell Pink. The flowers are on long stems, making them exceptionally desirable for cutting. Height 4 to 6 feet. **Per Pkt. 10c.**

**CYPRESS VINE (*Ipomea Quamoclit*)**

A tender climbing annual with soft, fern-like foliage and small star-like flowers. Choice mixed colors. **Per pkt. 5c.**

**CYCLAMEN**

Charming plants with beautiful foliage, and rich colored fragrant flowers; universal favorites for winter and spring blooming. Seed may be sown any time during the spring or autumn.

**C. Persicum.**—A very fine strain, not so large as the Giants but easier to grow. Choice mixed colors. **Per pkt. 10c.**

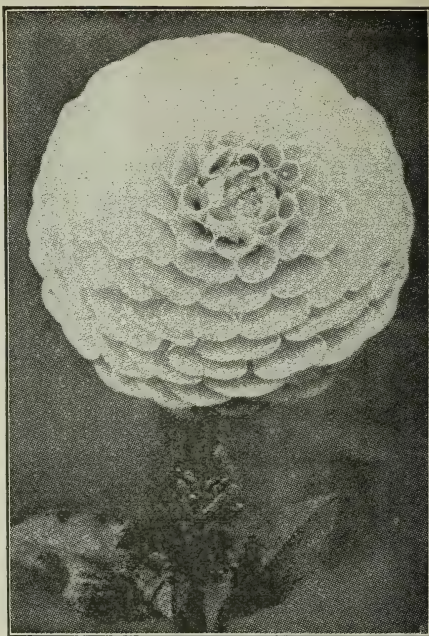
**C. Persicum Giganteum.**—A magnificent strain with flowers of extraordinary size and substance. The leaves are proportionately large and very beautifully marked with silver-grey. Extra choice mixed. **Per pkt. 20c.**

**C. Papilio, Butterfly.**—Singularly attractive variety, with gracefully margined and fringed flowers in all possible colors, as white with rose, rose with scarlet, crimson with violet, etc. **Per pkt. 25c.**



**Cyclamen Victoria**

**Cyclamen Victoria.**—A truly magnificent strain of Cyclamen. Its vigorous habit, and floriferousness and the most elegant appearance of its gracefully margined and fringed flowers are the prominent features of this novelty. The lovely margins of the upper part of the fringed flowers displaying in the softest and richest colors especially lends to a flowering plant a most enchanting appearance. This display ranges in all possible colors—as white with rose, rose with scarlet, crimson with violet, etc., and the coloration of the margin always corresponds with that of the base of the flower. Exceedingly effective. **Per Pkt. 20c.**

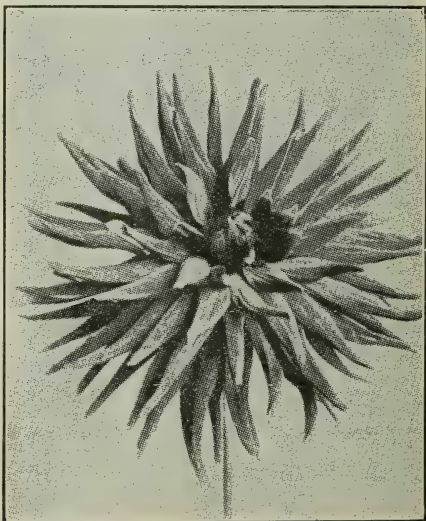


**Dahlia Double**

**DAHLIA**

A popular summer and autumn blooming plant; is grown from seed or propagated from the bulbous roots. Sow seed early in hot-beds and transplant as soon as danger of frost is past.

**Cactus.**—Distinct and remarkable appearance, petals quilled and curved, loosely and gracefully arranged in large oval heads of bloom. Choice mixed colors. **Per pkt. 10c.**



**Dahlia Cactus**



**Double.**—Choice mixed colores in great variety, and flowers of excellent form. **Per pkt. 5c.**

**Single Mixed.**—Seed saved from the choicest varieties. Per pkt, 5c.

**Lucifer.**—Early and extremely free-flowing strain of dwarf habit, with flowers of a rich, dark red color, showing to great effect above the dark foliage. Makes a most attractive bed. **Per pkt 10c.**

**DATURA** (Trumpet Flower)

Tender annual, growing about 3 feet high, flowers large and trumpet shaped.

**Fasduosa Huberiana.**—Choice mixed colors.  
Per pkt. 5c.

**DELPHINIUM (Larkspur)**

Beautiful, hardy, border perennials with noble spikes of handsome flowers, very useful for cut flowers, etc.

**Formosum.**—Rich blue flowers, exceedingly effective in borders, height 3 feet. **Per pkt., 5c.**

**Cardinale.**—Very beautiful strain with large handsome flower spikes of bright scarlet, height 4 feet. **Per pkt. 5c.**

**Sulphureum.**—Long spikes of charming, clear, yellow flowers; quite a distinct color among perennial Larkspurs, height 3 feet. **Per pkt. 10c.**



## Delphinium

**Elatum Hybridum Double Mixed.**—Large, handsome flower spikes, including the best of the new double and single varieties, height 3 feet. **Per pkt., 5c.**

**Hybridum Single Mixed.**—Very showy strain. Per pkt. 5c.

**DIANTHUS (or Pink)**

Few flowers can equal these in beauty and profusion of bloom. They comprise many beautifully marked varieties of rich and varied colors. The plants bloom all summer and fall until frost.

**Heddwigi Mixed.**—Flowers very large and of the most brilliant colors, varying from pure white to the richest crimson, while many are beautifully laced or striped. For bedding purposes they are of immense value during the entire summer, and they also furnish elegant flowers for bouquets. **Per pkt. 5c.**

**Crimson Bell.**—One of the most attractive varieties of Dianthus. Flowers large, elegantly lacinated and of a lovely rich crimson shade. **Per pkt. 5c.**



### Dianthus Mourning Cloak

**Mourning Cleak.**—Large double flowers almost black in color, beautifully edged with white. Per pkt, 5c.

**Fireball.**—Vivid scarlet flowers, giving a most striking effect when massed, invaluable for table decorations. **Per pkt. 5c.**

**Snow Drift.**—Charming variety, large, pure white, double flowers beautifully fringed.  
Per pkt. 5c.

**Eastern Queen.**—One of the most attractive varieties of *Dianthus*. Flowers large, elegantly lacinated and of a lovely rose pink shade. **Per pkt. 5c.**

**Double Mixed.**—A mixture of all the most beautiful and showy double varieties.  
Per pkt. 5c.

**Single Mixed.**—Fringed flowers of various colors. Per pkt. 5c.

**Chinensis Double.**—Choice mixed. Large double flowers embracing a variety of beautiful colors. Per pkt. 5c.

**Plumarius Florest Perpetual.**—A very hardy class producing large fragrant double, semi-double and single flowers of varied colors. **Per pkt. 5c.**

### DIGITALIS (Fox Glove)

Hardy perennial, blooming the second year from seed. The bell shaped flowers are borne on long spikes and come in shades of purple, lavender, rose and white, all spotted lightly inside the blossom. Thrives well in cool, shady locations. Fine mixture. **Per pkt. 5c. oz. 50c.**

### DOLICHUS (Hyacinth Bean)

A tender climbing annual, flowers profusely and in clusters of white, purple and lilac shades. The flower spikes are followed profusely by ornamental seed pods. Height 10 to 20 feet. Mixed colors.

**ESCHSCHOLTZIA (or Cal. Poppy)**

A hardy annual, with fine cut feathering foliage in beautiful velvet cup-shaped flowers. Seeds may be sown in fall and any time thereafter until the following April. Sow seeds where plants are to remain, as they do not transplant easily; of easy culture. Height 2 feet.

**Californica.**—Large, pale yellow. Per pkt.  
5c.

**Californica Alba.**—Large flowers of pure white. Per pkt. 5c.

**Mandarin.**—Bright orange shaded crimson. Per pkt. 5c.

**Eschscholtzia**

**Rose Cardinal.**—Delicate creamy rose flowers. Per pkt. 5c.

**Crocea.**—Large, orange flowers, very showy. Per pkt. 5c.

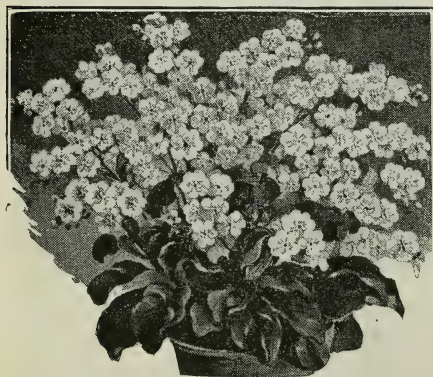
**Crimson Flowering.**—A great improvement on all previous Eschscholtzia, the color being a clear rosy-crimson, which is particularly effective when contrasted with the paler varieties. Per pkt. 10c.

**Mixed.**—Per pkt. 5c.

#### **FORGET-ME-NOT (Myosotis)**

Of all the spring flowers, none are more appreciated than Myosotis when grown in abundance. The small star-like flowers are borne in clusters on long stems. Succeeds best in a moist, shady location and blooms the first year from seed if sown early.

**Alpestris Blue Dwarf.**—Free flowering. Per pkt. 5c.

**Forget-Me-Not (Ruth Fisher)**

**Victoria.**—Sky blue dwarf globular habit, very large flowers, the best for forcing. Per pkt. 10c.

**Ruth Fisher.**—The finest Myosotis known, habit robust and free blooming. The large bright flowers possess twice as many petals as do the other varieties, and each stem carries a larger cluster. Per pkt. 25c.

#### **FOUR O'CLOCK (Mirabilis)**

A hardy annual of easy culture, growing about 2 feet high. The plant is free flowering, bearing blooms of a great variety of colors and spikes.

**Jalapa Marvel of Peru.**—Mixed. Per pkt. 5c.

#### **FUCHSIA**

A tender perennial of easy culture, easily grown from seed, waxy drooping flowers, 1 to 2 inches long of exquisite colors, red, white, pink, etc.

**Hybrida Superb Mixed.**—Carefully saved from the finest single and double varieties. Per pkt. 25c.

**Geranium**

#### **GERANIUM**

A half-hardy perennial, flowering the first year from seed if sown early. A gorgeous flower of numerous shades of color borne continuously renders this one of the most popular plants grown.

**Large Flowers of Fancy Show.**—This choice mixture includes many of the newest and finest sorts. Per pkt. 25c.

**Zonale.**—Mixed single. Per pkt. 10c.

#### **GAILLARDIA**

Beautiful shown plant, remarkable for the profusion, size and brilliancy of its flowers, continuing in bloom from early summer till late in the fall. Excellent for beds, borders, or for cutting. Should be sown where they are to bloom, height 18 inches.

**Picta.**—Favorite bedding plant, producing throughout the summer numerous yellow and scarlet flowers. Per pkt. 5c.



**GODETIA (Satin Flower)**

Brilliant and profuse flowering annuals, extremely hardy and easy of cultivation. Invaluable for bedding. Sow seed early in spring.

**Lady Albemarle.**—A splendid variety. Flowers large and of intense glowing carmine-crimson, slightly edged with lilac. Height 1 foot. **Per pkt. 5c.**

**Lady Satin Rose.**—Bright, rose-colored flowers having glossy satin-like petals, height 6 inches. **Per pkt. 5c.**

**Duchess of Albany.**—Beautiful, glossy, satin-white flowers produced in great abundance, height 1 foot. **Per pkt. 5c.**

**The Bride.**—Lovely white flowers suffused with rose, height 1 foot. **Per pkt. 5c.**

**Whitneyi.**—Highly effective variety with brilliant carmine flowers. Very freely produced on compact plants, height 1 foot. **Per pkt. 5c.**

**Gaillardia Grandiflora**

**Pieta Lorenziana Double Mixed.**—Large heads of bright yellow and red flowers. Very double, with quilled petals, suitable for bouquets. **Per pkt. 5c.**

**Grandiflora Mixed.**—An exceedingly shown and effective strain producing throughout the summer and autumn months large handsome flowers of various colors. **Per pkt. 5c.**

**GILLA**

A hardy annual, growing about 1 foot high, excellent for beds, edging or for rockwork.

**Tricolor.**—Lavender and white flowers with black throat; free flowering. **Per pkt. 5c.**

**GLADIOLUS (Seeds)**

A splendid race of large flowered Gladioli which can be grown as annuals, including all the best shades of colors. By sowing in a cold frame in March and transplanting in May, fine specimens may be had in bloom the following August. The flowers come even earlier if the plants are allowed to stand where originally sown. Height 3 feet. **Per pkt. 15c.**

**Gloxinia Ornamental Foliaged****Godetia Whitneyi**

**Whitneyi Fulgida.**—An extremely showy variety, flowers of a brilliant crimson-scarlet, with white center. Very striking and effective. **Per pkt. 5c.**

**Semi-Dwarf Mixed.**—Including all the finest varieties. **Per pkt. 5c.**

**GLOXINIA**

A superb genus of green-house plants, producing magnificent flowers of the richest colors. Thrive best in an equal mixture of peat, loam and sand. Sown in March.

**Hybridia Grandiflora.**—Enormous flowers, showing many unusual shades of pink, rose, violet and purple, which exist only in this strain. The exquisite coloring and markings of the flowers make these Hybrids indispensable in every collection of Gloxinias. **Per pkt. 25c.**

**Ornamental Foliaged.**—A new Hybrid race well worth growing for its beautiful foliage alone. The leaves are very large and vary from velvety brown to glossy purple, prettily veined with silver above and showy bright red on the reverse. The enormous flowers, which appear in great profusion, are bright, rosy-carmine, with spotted white throats which stand out in the most brilliant imaginable contrast. A most striking and lovely variety. **Per pkt. 25c.**





### Gypsophila

#### GYP SOPHILIA (Babies Breath)

Pretty free-flowering plant, succeeding well in any garden. Grows from 2 to 3 feet high and bears in abundance a small, white, star-shaped flower which is largely used in mixing with other cut flowers.

**Elegans.**—Pure white, feathery flowers, height 18 inches. **Per pkt. 5c.**

**Paniculata.**—White flowers, fine for bouquets, blooms the first year if sown early, height 2 feet. **Per pkt. 5c.**

#### GOURDS (Ornamental)

Rapid growing, annual climber, very useful for covering arbors, trellises, etc. The fruits are curiously shaped and often highly colored.

**Bottle.**—Per pkt. 5c.

**Hercules, Club.**—Per pkt. 5c.

**Dipper.**—Per pkt. 5c.

**Sugar Trough.**—Per pkt. 5c.

**Dish Rag.**—Per pkt. 5c.

**Nest Eggs.**—Per pkt. 5c.

**Mixed Ornamental Varieties.**—Per pkt. 5c.

#### HELIANTHUS (Sun Flower)

#### HELICHRYSUM

Very handsome, everlasting flowers, suitable for mixed borders. The flowers retain their shape and color for years, but it is necessary to gather them before they are fully expanded. They are very useful for winter bouquets, decorations, etc.

**Choice Mixed Colors.**—Per pkt. 5c.



Heliotrope Louise Delaux

#### HELIOTROPE

A half hardy perennial, growing 4 to 8 feet high. Small flowers, borne in graceful clusters and very fragrant. Will bloom the first season from seed if sown early. Forms a large plant and requires a roomy situation.

**Louise Delaux.**—Flowers rose tinted. **Per pkt. 10c.**

**Queen Marguerite.**—Large, purple blue. **Per pkt. 10c.**

**White Lady.**—Large flower, pure white. **Per pkt. 10c.**

**Finest Mixed.**—A mixture of the ordinary types. **Per pkt. 10c.**

#### HOLLYHOCK

Grand summer-flowering plant, bearing long spikes of double flowers 3 to 4 inches across. A clump or line in any garden gives an effect not attainable with any other plant.



Hollyhock

**Allegheny.**—This unique and beautiful variety produces semi-double flowers about 3 inches across. The petals are crinkled and fringed like crumpled and slashed satin. **Per pkt. 10c.**

**Chater's Superb Mixed.**—Saved from a magnificent collection of fine named double varieties. **Per pkt. 10c.**

**New Annual Mixed.**—Saved from the best trial varieties. **Per pkt. 10c.**

#### HONEYSUCKLE

Very showy plants, suitable for mixed borders, shrubberies, etc. Height 2 feet.

**French Choice Mixed.**—Per pkt. 5c.

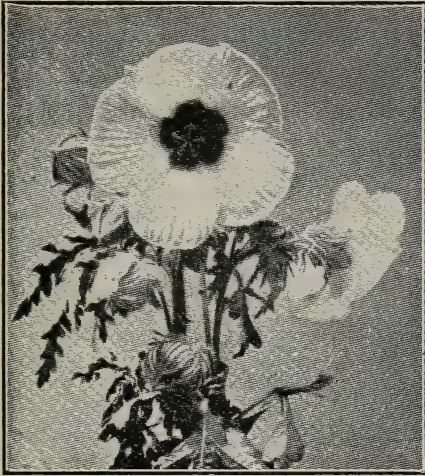
#### HUMILUS (Japanese Hops)

A hardy climbing annual of rapid growth with dense leaves. Will grow from 15 to 25 feet in a season. Valuable for covering trellis, etc.



**Japonicus Variegatus.**—Leaves beautifully variegated with silver and creamy white markings. Comes remarkably true from seed, quite as vigorous in growth as the green variety. **Per pkt. 10c.**

**Japonicus.**—Similar to the preceding except the foliage is green. **Per pkt. 5c.**



**Hibiscus**

#### **HIBISCUS**

A hardy annual, growing about 2 feet high, showing an ornamental class of plants with large, beautiful colored flowers, grows freely in common garden soil.

**Africanus Major.**—Beautiful primrose-colored flowers with a deep violet center. **Per pkt. 5c.**

#### **HUNNEMANNIA FUMARIAEFOLIA (Mexican Poppy)**

This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown in May will, by the middle of July, produce plants covered with their large buttercup-yellow, poppy-like blossoms, and never out of blossom until hard frost. The plants grow about 2 feet high and are quite bushy with beautiful feathery glaucous foliage. **Per pkt. 10c.**

#### **IPOMAEA**

Handsome climbing plants of rapid growth, with beautiful, large showy flowers; particularly adapted for conservatory decorations, verandas, trellis work, etc.

**Coccinea.**—Brilliant scarlet flowers, with small foliage. **Per pkt. 5c.**

**Learii.**—Violet and blue flowers. **Per pkt. 10c.**

**Rubro Coerulea.**—Very large, sky-blue flowers. **Per pkt. 10c.**

**Hederacea Grandiflora Alba.**—Large flowers of pure white. **Per pkt. 10c.**

**Bona Nox (Evening Glory).**—Rosy lilac flowers, expanding in the evening; of very rapid growth. **Per pkt. 5c.**

**Mexicana Alba.**—At night and during dull days the plants are covered with an abundance of large pure white flowers, 5 to 6 inches in diameter. Very rapid grower. **Per pkt. 10c.**

**Imperial Japanese.**—A distinct race of Morning Glories, remarkable for its profusion of brilliant flowers of gigantic size and ranging in color from snow white to black-purple with all the possible intermediate shades. There is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc. **Per pkt. 10c.**

#### **IMPOMOPSIS**

Specially decorative, half hardy annual with brightly colored flowers and feathery foliage, height 3 feet.

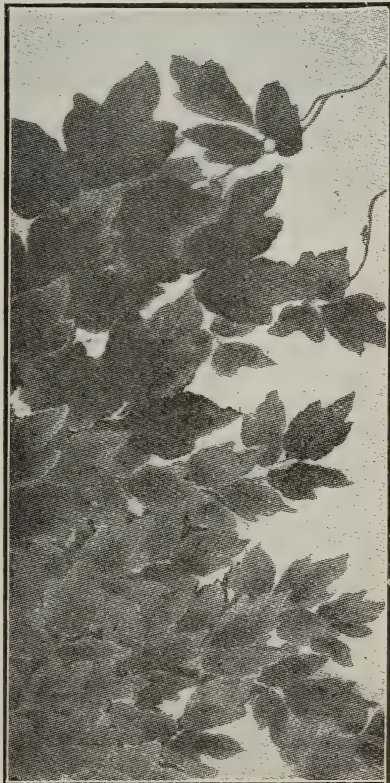
**Elegans Choice Mixed.**—**Per pkt. 5c.**

#### **KOCHIA TRICHOPHILIA (Summer Cypress)**

A rapid growing annual of graceful habit and finely cut under green foliage which changes to a rich russet crimson in the autumn, height 3 feet. **Per pkt. 5c.**

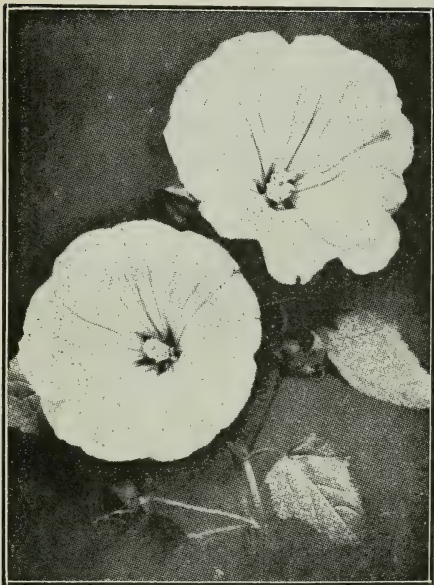
#### **KUDUZ VINE**

A hardy and remarkably vigorous vine, frequently producing stems 40 to 60 feet long in a single season—a veritable Jack-and-the-Bean-stalk. In the North the plant dies down to or near the ground in winter, but in the South the vines are woody and often of considerable diameter. Well adapted for covering arbors or verandas, especially where rampant vines and large bold leaves are required. Thrives in almost any well-drained soil, preferring sunny situations.



**Kudzu Vine**

**Pueraria Thunbergiana (Dolichos Japonicus)—Kuduz Vine.**—Stems twining, hairy when young, very long and flexible. Leaves compound, consisting of three bright green ovate leaflets. Flowers pea-shaped, purple, produced in axillary racemes from the older woody stems in late summer. Per pkt. 10c;  $\frac{1}{2}$  oz. 50c.



**Lavatera Rosea**

#### LAVATERA

A showy hedge plant, growing about 4 feet high and covered with bright cup-shaped flowers. Sow early in Spring and thin to 12 inches apart.

**Trimestris Rosea.**—Magnificent variety of a brilliant rosy-pink. Extremely useful for cutting, the blooms remaining in beauty for a long period. Per pkt. 5c.

**Trimestris Alba.**—Beautiful large, glossy, pearly-white flowers. An effective contrast to the pink (Rosea). Valuable for borders or other decorative purposes. Per pkt. 5c.

#### LANTANA

Tender perennial, growing from 2 to 3 feet high, bearing Verbena-like clusters of flowers, in orange, white, rose and other colors, excellent for bedding.

**Choice Mixed.**—Per pkt. 5c.

#### LATHYRUS LATIFOLUS (Everlasting Pea)

A hardy, perennial climber, of great beauty with elegant sweet pea-like flowers in great profusion, height 6 to 8 feet.

**Fine Mixed.**—Per pkt. 5c.

#### LEPTOSYNE

One of the quickest flowering annuals, blooming within five weeks from date of sowing. Flowers continue in perfection for a long period and are of exceedingly neat habit, height 18 inches.

**Stillmani.**—Golden yellow, Marguerite-like flowers. Very free flowering. Per pkt. 5c.

#### LINUM (Scarlet Flax)

An elegant, free flowering, hardy annual. Valuable for bedding, height 12 inches.

**Rubrum.**—Brilliant scarlet flowers. Per pkt. 5c.

#### LOBELIA

An invaluable class of half hardy annuals, admirably adapted for bedding, edging, ribbon gardening, window boxes or pots. Sow early in spring in pans, covering the seed very lightly. The soil should be well mixed with sand and made quite firm. Keep warm and moist, watering at intervals with a fine spray.

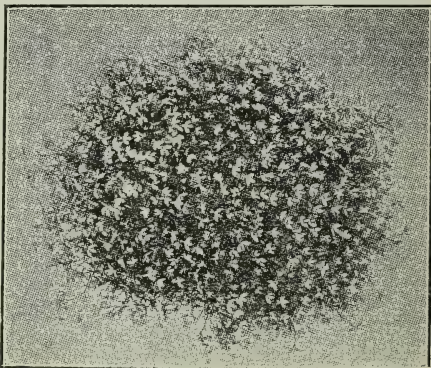
**Lobelia Hybrida Amanda.**—A magnificent strain of Hybrid Lobelias, suitable for the decoration of hanging baskets or window boxes which in fact it literally covers with its long sprays of finely cut foliage, and its innumerable blossoms, which opens rosy-lilac and passes to a deep amaranth red, an intense shade from which the sharply defined pure white eye stands out in telling contrast. A plant covered with such attractive flowers presents a charming aspect and by its long continued display well repays the care taken in its culture. Per Pkt. 15c.

**Royal Purple.**—Dark, bronzy green foliage, flowers rich purple-violet with clear white eye. A splendid variety for ribbon borders, window boxes, etc. Height 6 inches. Per pkt. 5c.

**Bernards Perpetual.**—Flowers brilliant ultramarine blue, with a pure white mark at the base of each of the two lower petals, height 6 inches. Per pkt. 5c.

**Crystal Palace.**—Undoubtedly the finest dwarf blue Lobelia for bedding. Plants very compact, profusely covered with rich blue flowers. Height 4 inches. Per pkt. 10c.

**Cardinalis Queen Victoria.**—Beautiful perennial variety with vivid scarlet flowers and metallic crimson foliage, height 2 feet. Per pkt. 15c.



**Lobelia Amanda**

#### LUPINS

Both the annual and perennial Lupines are among the most useful of our garden flowers, either for mixed borders or bedding. They are very free flowering and make a fine show for a small outlay.



**Hartwegi.**—A great improvement on the common Lupine; flowers blue and white, valuable for bouquets, height 2 feet. **Per pkt. 5c.**

**Hartwegi Albus.**—Pure white flowers; in other respects similar to the preceding, height 2 feet. **Per pkt. 5c.**

**Hartwegi Roseus.**—Flowers of a rich rose color and deserve a place in every garden, height 2 feet. **Per pkt. 5c.**

**Hybridus Atrococcineus.**—The finest of all the genus; large spikes of scarlet, white-tipped flowers, height 2½ feet. **Per pkt. 5c.**

**Mutabilis.**—Showy spikes of blue and white flowers, height 3 feet. **Per pkt. 5c.**

**Dunnetti Superbus.**—Handsome spikes of flowers in yellow, purple and white, height 2 feet. **Per pkt. 5c.**

**Sulphureus.**—Long stems of bright yellow flowers, dwarf branching habit, height 8 inches. **Per pkt. 5c.**

**Hybridus.**—Flowers ranging from pure white to golden yellow, and from palest mauve to richest purple, including many unusual and pretty shades. **Per pkt. 5c.**

#### LYCHNIS

Well known, showy, hardy, herbaceous perennial, suitable for mixed borders; also valuable for cutting.

**Haageana Hybridia.**—Brilliant flowers, including a great variety of colors, height 1 foot. **Per pkt. 5c.**

#### MARIGOLD

The Marigolds are old favorite, free-flowering annuals of easy culture. In autumn when other bedding plants are past their prime, they afford a wealth of color that is simply invaluable.

**Marigold Gold Ring.**—This charming variety is a fine match to the old Legion of Honor in growth, height and free flowering; but is now almost given the preference compared with the latter. The color is a dark velvety brown, gracefully surrounded by a distinct gold ring. The compact, bushy plant flowers abundantly and is more lasting than any other annual. **Per Pkt. 10c.**



Marigold Gold Ring

The African varieties produce large, self-colored blossoms on tall plants. The French are smaller but the colors and markings are much better, some of the varieties being elegantly striped and spotted.

**African Tall Double Orange.**—Beautifully formed flowers of gigantic size and bright color, height 2½ feet. **Per pkt. 5c.**

**Tall Double Lemon.**—A charming shade of color, height 2½ feet. **Per pkt. 5c.**

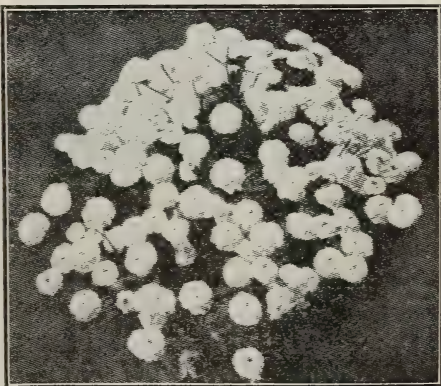
**Tall Double Mixed.**—Saved from the finest flowers, height 2½ feet. **Per pkt. 5c.**

**French Tall Striped.**—The flowers have a yellow ground, with rich brown markings, height 2 feet. **Per pkt. 5c.**

**Tall Double Mixed.**—A combination of the best varieties, height 2 feet. **Per pkt. 5c.**

**Dwarf Double Mixed.**—Profuse flowering, and well adapted for a bedding display in autumn, height 1 foot. **Per pkt. 5c.**

**Legion of Honor.**—Beautiful, free-flowering, single Marigold. Flowers bright, clear yellow, blotched with rich brown. Admirably adapted for beds or ribbon borders, height 9 inches. **Per pkt. 5c.**



Matricaria Silver Ball

#### MATRICARIA

Beautiful hardy perennials of compact habit, suitable for beds or borders.

**Golden Ball.**—Very striking double golden yellow flowers, height 1 foot. **Per pkt. 10c.**

**Silver Ball.**—Dainty, milk-white, fully double flowers, which make a pretty contrast with Golden Ball. The flowers remain in perfection for a long time and are excellent for cutting, height 1 foot. **Per pkt. 10c.**

#### MAURANDIA

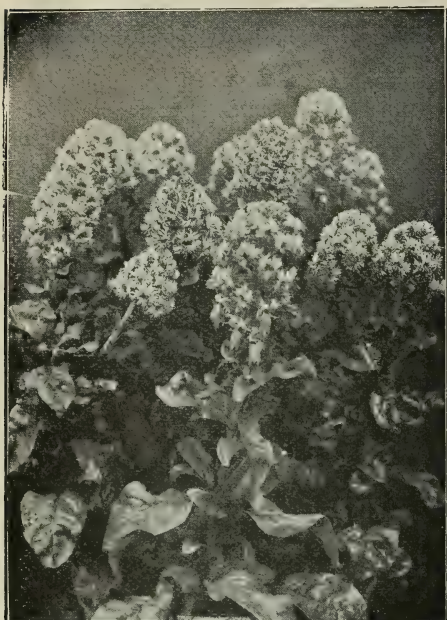
Beautiful climbers of graceful habit, blooming profusely until late in the fall. **Choice Mixed.**—**Per pkt. 5c.**

#### MIGNONETTE

The delightful fragrance of the Mignonette makes it a universal favorite. Sow seed in the fall for early blossoms in the spring. Valuable for potting, bedding or for border. The flowers are not attractive except for their fragrance.

**Grandiflora Ameliorata.**—Immense spikes of deep red flowers freely produced on sturdy plants of somewhat dwarf habit, height 15 inches. **Per pkt. 5c.**

**Victoria.**—Flowers of a deep red color, well formed spikes, height 1 foot. **Per pkt. 5c.**

**Mignonette**

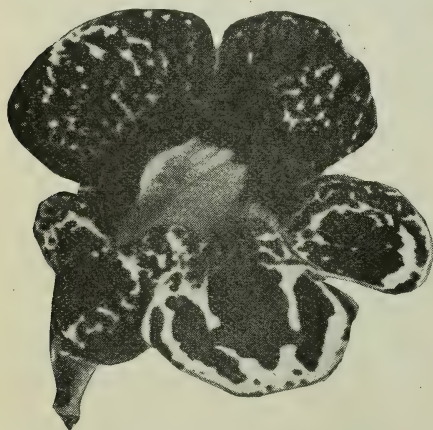
**Mignonette Defiance.**—Long spikes of whitish flowers and compact growth, height 15 inches. **Per pkt. 10c.**

**Parsons White.**—Very fine strain of white Mignonette; some tinted flowers always appear; height 18 inches. **Per pkt. 5c.**

**Goliath.**—Robust growing variety with with enormous spikes of red colored flowers, height 15 inches. **Per pkt. 10c.**

**Machet.**—True dwarf-growing variety enormous spikes of beautiful, deep red-dish crimson flowers, height 1 foot. **Per pkt. 5c.**

**Odorata.**—Sweet scented, very fine strain, height 1 foot. **Per pkt. 5c.**

**MIMULUS (Monkey Flower)**

A class of magnificent, dwarf, hardy perennials, with singularly shaped and beautifully marked flowers of brilliant colors. They are equally adapted for pot or border culture, thriving well in a moist location.

**Cardinalis.**—Very showy, scarlet flowers, height 1 foot. **Per pkt. 10c.**

**Tigrinus.**—Fine spotted and blotched flowers with yellow ground, height 9 inches. **Per pkt. 10c.**

**Tigrinus Queen's Prize.**—Enormous flowers, beautifully spotted and blotched in various colors, height 1 foot. **Per pkt. 15c.**

**Moschatus (Musk Plant).**—Fine for hanging baskets, etc. Small yellow flowers. Fragrant foliage. **Per pkt. 5c.**

**MINA LOBATA**

An attractive and free flowering half lardy climbing annual; at first the buds are a vivid red, changing to orange yellow; flowers when fully expanded are creamy white. **Per pkt. 10c.**

**MORNING GLORY**

Free flowering, beautiful climbers with rich and varied colored flowers, very useful for covering lattice work, verandas, etc., where they are exceedingly effective. All are easily cultivated and grow quickly under favorable conditions.

**Major Tall Mixed.**—**Per pkt. 5c.**

**Minor Dwarf Mixed.**—A beautiful hardy bedding and border plant attaining a height of about 1 foot. **Per pkt. 5c.**

**MOMORDICA BALSAMMA (or Balsam Apple)**

A climbing annual growing about 10 feet long, has graceful and ornamental foliage, yellow flowers, and warted golden yellow fruit with carmine-red seeds. **Mixed.**—**Per pkt. 5c.**

**Charantia (or Balsam Pear).**—Similar to the preceding except the fruit is pear shaped. **Per pkt. 5c.**

**NASTURTIUMS**

**Culture.**—To grow Nasturtiums well and secure a fine display of flowers, it is necessary that the soil in which they are grown be very poor and dry, otherwise a superabundance of foliage will be produced to the exclusion of the flowers. Lime rubbish is very suitable for mixing with the soil to make it poor.

Tall, showy climbers of quick growth, useful for covering trellises, rustic work, etc.

**Butterfly.**—Light yellow, with blotch of deep red on the lower petal. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**

**Crystal Palace.**—Bright orange-scarlet with bronze markings. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**

**Chameleon.**—A most remarkable Nasturtium. The markings and colors of the flowers on a single plant vary from sulphur yellow to deep crimson, while others are beautifully spotted or marbled. **Per pkt. 5c, ob. 10c, ¼ lb. 30c.**

**Dunnets Orange.**—Deep orange, marked with crimson blotches. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**

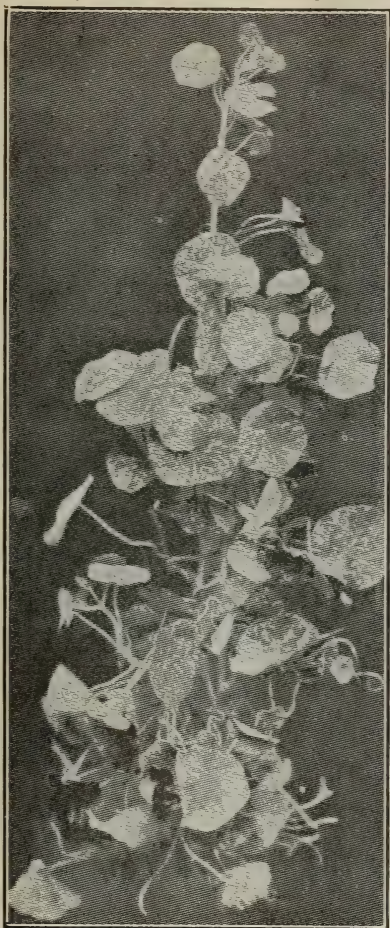
**Midnight.**—Flowers are of deep brownish red. The soft velvety texture of the petals being crumpled or partially folded. Foliage dark green. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**

**Sunlight.**—Flowers are clear golden yellow of the largest size. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**

**California Giant Mixed.**—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. **Per pkt. 5c, oz. 15, ¼ lb. 50c.**

**Choice Mixed.**—Of many bright colors, very effective. **Per pkt. 5c, oz. 10c, ¼ lb. 30c.**





Nasturtium Tall

**NASTURTIIUMS DWARF**

The dwarf varieties are of great value as bedding plants as they make a very brilliant display with the least amount of trouble.

**Crystal Palace Gem.**—Primrose colored flowers, blotched maroon, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Chameleon.**—A dwarf form of the Tall Chameleon, flowers equally bright. On one plant the colors vary in the same extraordinary manner as in tall variety, height 1 foot. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c.

**Empress of India.**—Flowers crimson scarlet, dark green foliage, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**King Theodore.**—The darkest dwarf variety, deep maroon, foliage very dark green, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Lady Bird.**—Flowers boldly marked with dazzling scarlet on a golden-yellow ground, splendid dark foliage, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Nasturtium Lady Bird**

**Othello.**—Dark maroon flowers, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Pearl.**—Flowers creamy white, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Ruby.**—Charming rosy-carmine flowers, dark foliage, height 1 foot. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**Fine Mixed.**—A combination of all the dwarf varieties; makes a grand display in a large bed. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**NASTURTIIUM (Lilliput Type)**

A distinct race of dwarf Nasturtiums, remarkable for its profusion of brilliant flowers, which are thrown well above the small foliage, and for its neat, compact habit.

**Baby Rose.**—Flowers pure white ground, with deep rose markings, a most beautiful variety, height  $\frac{3}{4}$  foot. Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Lady Cherry.**—Foliage unusually dark, flower a rich cherry, height  $\frac{3}{4}$  foot. Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Fairy King.**—Flower ecru rose color, height  $\frac{3}{4}$  foot. Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Mixed.**—A combination of the above varieties, excellent for ribbon borders or edging. Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.



Nasturtium Dwarf Variegated Leaved



**NASTURTIUM VARIEGATED LEAVED**

Perfectly compact race, with bright green foliage prettily variegated with creamy white, above which the flowers show to great advantage. The plants are quite ornamental, before and after flowering.

**Dwarf Variegated Mixed.**—All dwarf variegated colors, mixed. Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Tall Variegated Mixed.**—Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c.

**Dwarf Golden Foliage Mixed.**—A striking and most desirable type for bedding or potting. Per pkt. 5c, oz. 20c.  $\frac{1}{4}$  lb. 50c.

**NASTURTIUM IVY LEAVED FOLIAGE**

A new and most desirable strain of the Nasturtium family. The leaves are a delicate English Ivy leaved form, while the flowers are elegantly fringed and make a most brilliant display on lawns where they are easily kept within bounds.

**The Princess Ivy Leaved.**—The flowers are pale primrose with the most vivid scarlet markings. A novel and beautiful combination. For potting or window or bedding plant it is difficult to excel. Per pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**Ivy Leaved Dwarf Mixed.**—Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

**Ivy Leaved Tall Mixed.**—Per pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

**NEMOPHILA**

A hardy annual, growing about 6 inches high. Has small cup-shaped blossoms about an inch in diameter, in white and shades of blue.

**Insignis.**—Beautiful bright blue. Per pkt 5c.

**Insignis Alba.**—A pure white flowered variety. Per pkt. 5c.

**Maculata.**—White flowers, spotted with deep violet. Per pkt. 5c.

**Mixed.**—Per pkt. 5c.

**NICOTIANA (Sweet Scented Tobacco)**

Handsome and well known hardy annuals that grow easily from seed, forming compact bushes from 2 to 3 feet high, which are in continuous bloom throughout the season. The flowers are tube shaped and very sweet.

**Affinis.**—A very popular sort; its flowers are pure white and exquisitely fragrant. Profuse bloomer. Per pkt. 5c.

**Sanderea.**—A new large flowering variety with bright carmine flowers borne in clusters, the whole plant being literally ablaze with them. Thousands being on a single plant during the season. The glorious effect in the garden is unsurpassable height 2 feet. Per pkt. 10c.

**Grandiflora Purpurea.**—Reddish-purple flowers. A robust ornamental variety, excellent for sub-tropical garden, height 5 feet. Per pkt. 5c.

**Nigella****NIGELLA (Love-in-a-mist)**

One of the most attractive annuals. The plants are extremely hardy and an autumn sowing produces the best specimens for flowering.

**Miss Jekyll.**—A lovely variety giving an abundance of long stemmed flowers which are of a clear corn-flower blue prettily set in slender elegant foliage, height 18 inches. Per pkt. 5c.

**Alba Double Dwarf.**—White, height 6 inches. Per pkt. 5c.

**OENOTHERA (or Evening Primrose)**

An attractive hardy perennial border plant of dwarf compact habit, producing an abundance of bright showy flowers, in white, pale yellow, rose, etc. Of very easy culture, preferring a light dry soil.

**Fine Mixed.**—Height 6 inches. Per pkt. 5c.

**ransy**



Pansies thrive best in a cool, moist, but well drained soil, enriched with well rotted manure or fine ground bone. The finest blooms are to be obtained by sowing seed in July or August, which will give an abundance of bloom from December onward through spring and summer. We pay special attention to Pansies—importing the seed direct from the best growers in Europe and the varieties quoted we particularly recommend.



**Pansy Giant Andromeda**

**Pansy: New Giant Curled Andromeda.**

—A charming new strain of Pansy with elegantly frilled flowers, some so full as to appear double. The color is a very delicate apple-blossom, generally showing a soft lavender blue or rosy lilac hue, rendered still more effective by a somewhat darker veining. The blooms are of immense size, with grand substance and free from any coarseness or flimsiness. Unusually true to color from seed. A decided acquisition. **Per Pkt. 20c.**

**Giant White.**—Very large, well formed white flowers with dark purple eye. **Per pkt. 10c.**

**Giant Pale Blue.**—Gigantic blooms of a delicate mauve-blue shade with paler center, freely produced on compact plants. **Per pkt. 10c.**

**Giant Yellow.**—Immense flowers, brilliant in color and of excellent form. **Per pkt. 10c.**

**Giant Yellow (Black Eye).**—Large handsome flowers of a rich yellow with black eye. **Per pkt. 10c.**

**Giant White (Black Eye).**—Large well formed flowers with black center. **Per pkt. 10c.**

**Snowflake.**—Large flowers of pure white. **Per pkt. 5c.**

**Faust (King of Blacks).**—Large, well formed, glossy, black flowers. The plants are compact and bloom for a long time. **Per pkt. 5c.**

**Emperor William (Ultramarine Blue).**—Of fine texture, very showy. **Per pkt. 5c.**

**Lord Beaconsfield.**—Purple-violet upper petals shading off to a light tint. Flowers large. **Per pkt. 5c.**

**Violet Purple.**—Handsome flowers of a rich purple. **Per pkt. 5c.**

**Madam Perret.**—Striking and distinct variety of unusually compact habit. The lower petals are generally of canary-yellow, white or rose-pink marked with purple or crimson. The upper petals bright red and deep purple or outlined with a margin of white. **Per pkt. 5c.**

**Mahogany Colored.**—Very rich and velvety. **Per pkt. 5c.**

**Gold Margined.**—A strikingly handsome variety. **Per pkt. 5c.**

**Pansy Psyche.**—Not many of the Pansy varieties have such a winning appearance as Psyche. The plant is perfect in habit and very floriferous. Each flower is elegantly curled and undulated, and in every respect a beauty in form and color. The characteristic five velvety, violet blotches are surrounded by a broad white edge. It is in every way an ideal exhibition or market Pansy. **Per Pkt. 15c.**



**Pansy Psyche**

**Silver Edged.**—Splendid deep purple flowers; petals evenly laced with narrow silver margin. Per pkt. 5c.

**Striped and Mottled.**—Large flowers handsomely striped and mottled. Per pkt. 5c.

**Masterpiece Exhibition.**—The finest strain of Pansies in cultivation, saved only from the largest and best shaped flowers of the richest colors which are elegantly curled and undulated, some so full as to appear double. Per pkt. 25c.

**Masterpiece Germania.**—Not quite so large as our Masterpiece Exhibition, but of the same type. For bedding, this mixture gives a most striking effect. Per pkt. 15c.

**Trimardeau or Giant Mixed.**—A very showy class, of vigorous compact growth, flowers of an enormous size, finest strain. Per pkt. 10c.

**Parisian Large Stained Mixed.**—Beautiful improved strain of Trimardeau Pansies, mostly white ground and fine blotched varieties. Per pkt. 10c.

**Bugnots Superb Blotched.**—Very beautiful class, of enormous flowers with broad blotches, many having the two upper petals finely lined, showing a great diversity of handsome and rare colors. Per pkt. 15c.

**Cassiers Large Flowered Blotched.**—The largest flowered class of blotched Pansies. An incomparable strain, producing many beautiful and rare varieties. Per pkt. 15c.

**Pansy Giant Eros.**—This grand novelty produces very large flowers of a deep velvety brown color, with a broad golden yellow margin. The chief characteristic of this variety is that the back of each bloom has the same broad margin as the front side, while the dark velvety center is shining through, so that a bed of this lovely Pansy has an appearance of being especially full and rich flowering. This peculiarity renders Pansy Eros most valuable for groups and bedding, giving them a uniform aspect from all sides. Per Pkt. 15c.

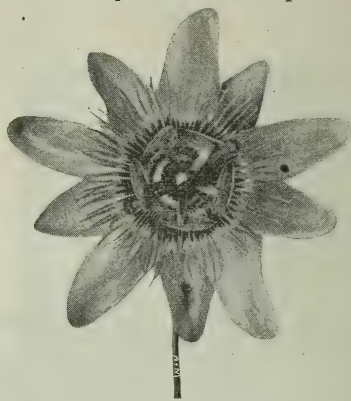


Pansy Giant Eros

**French Large Flowered Mixed.**—An excellent strain. Per pkt. 5c.

**Odier Mixed.**—Extra choice; very fine strain of three and five blotched show pansies. Per pkt. 5c.

**English Mixed.**—The old faced Pansy plant of compact habit. Per pkt. 5c.



Passion Flower

#### PASSION FLOWER

A hardy perennial climber, very satisfactory for immense growth as it will cover a porch or small cottage in one season.

**Alba.**—Pure white. Per pkt. 10c.

**Coerulea Grandiflora.**—Sky-blue. Per pkt. 10c.

**Red.**—Flowers of brilliant scarlet. Per pkt. 10c.

**Pink.**—Per pkt. 10c.

#### PENTSTEMON

Are among the best hardy perennials. The flowers are large and beautifully marked, tubular in shape and produced in handsome spikes. Height 2 feet.

**Hartwegi Hybrida Mixed.**—The large Gloxinia shaped blooms vary from pure white, pink, rose, and crimson to mauve and purple, including many which are beautifully edged with a fine contrasting color. Per pkt. 10c.

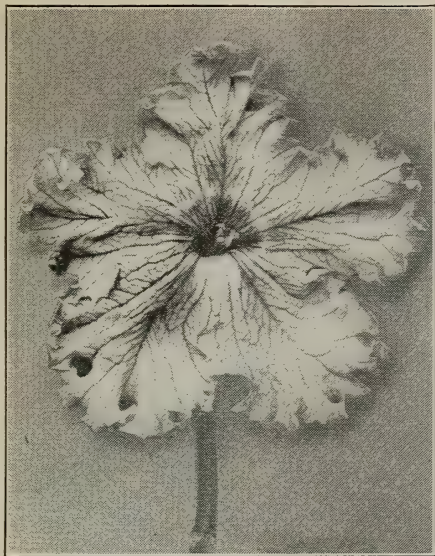
#### PETUNIA

A splendid race of plants, rich and varied colors, and profuse flowering with their charming and tender looking flowers, they are very beautiful for groups in the open. For pot culture also, Petunias are almost unsurpassed. Sow seed early in spring, scatter thinly on an even surface and barely cover the seed with sand. If intended for the open ground prick out into a frame to be kept till planting-out time. If for pots, pot singly into small pots in strong rich soil mixed with sand and shift as the plants grow larger.

**Giants of California Single.**—The largest of all Petunias having gigantic flowers with beautifully veined throats. Per pkt. 15c.

**Superb Double Fringed Mixed.**—One of the finest strains of Petunias in existence. The double flowers are very large, full, and symmetrically formed, having the edges of the petals beautifully fringed. Per pkt. 35c.





#### Petunia Giants of California

**Inimitable Single Striped and Blotched.**—Twice the size of the ordinary Petunias. Bold violet and white markings. **Per pkt. 10c.**

**Frimbriata.**—The most imposing Petunia yet introduced. Large finely frimbriated flowers of a great diversity of charming colors. **Per pkt. 20c.**

**Grandiflora Single Mixed.**—Exceedingly handsome and free flowering, containing the greatest variety of colors yellow throated, veined and blotched, and selfs. Very large flowers. **Per pkt. 25c.**

**Hybrida Fine Mixed.**—The best Petunia for massing in beds and borders, yielding a profusion of brilliantly marked flowers. **Per pkt. 5c.**



Phlox

#### PHLOX

Beautiful and highly popular hardy annual, suitable for bedding or for early flowers in the spring.

**Drummondii Grandiflora Alba.**—Pure white flowers, very large and perfectly formed. Height 2 feet. **Per pkt. 10c.**

**Coccinea.**—Habit similar to Alba. Color brilliant scarlet, flowers profusely. Height 2 feet. **Per Pkt. 10c.**

**Isabellina.**—A splendid strain of Phlox, flowers of a soft Primrose color. Height 2 feet. **Per pkt. 10c.**

**Splendid Mixed.**—Saved from a choice collection of show flowers of fine form and rich colors. **Per pkt. 10c.**

**Drummondii (Dwarf Snowball).**—A dwarf, compact and very free blooming Phlox. Flowers large and pure white. An excellent companion to Fireball. Height 1 foot. **Per pkt. 10c.**

**Drummondii Fireball.**—Habit similar to the Snowball, color brilliant red, flowers profusely. This and Snowball are two of the most effective varieties of Phlox in existence. Height 1 foot. **Per pkt. 10c.**

**Drummondii Dwarf Mixed.**—A selection of brilliant colors, strongly recommended for beds, edgings, or borders. **Per pkt. 10c.**



Phlox Stella

**Cuspidata (of Star Phlox Stella).**—A splendid variety with bright scarlet flowers, a color which strongly resembles that of the popular dwarf sort Fireball. Excellent for dwarf groups and for pots. Height 1 foot. **Per pkt. 15c.**

**Finest Mixed.**—**Per pkt. 10c.**

**Perennial.**—Indispensable for border plant, seed saved from the finest bright colored flowers. Height 2 feet. **Per pkt. 10.**

#### POPPIES

The different varieties of Poppies are always favorites for out-door display and the cultivation of them being so extremely simple entitles them to a place in every garden. Seed should be sown where the plants are intended to flower, because it is difficult to transplant them with any measure of success. During March or April sow in lines or groups and then to about 1 foot apart.

**Admiral.**—Large pure white, single Paony flowered variety, with band of brilliant scarlet around the top. **Per pkt. 5c, oz. 35c.**

**Poppy King Edward**

**Poppy King Edward.**—With this new novelty we have another splendid addition to the rich collection of single annual Poppies; growing  $2\frac{1}{2}$  feet in height they bring forth in great profusion large flowers of a deep scarlet, shaded crimson red of gorgeous effect, which is heightened by the large black blotch adorning each petal for half its length from the base. From this sable hue the yellow anthers stand out in appropriate contrast, highly ornamental and effective in groups or border decoration. Per Pkt. 15c.

**Danebrog or Danish Cross.**—Very showy variety, producing large flowers of brilliant scarlet, with a silvery-white spot on each petal, forming a white cross. Per Pkt. 5c, Oz. 20c.

**Glaucum (Tulip Flowered).**—Beautiful variety, producing flowers of the most vivid scarlet, effective for beds or masses. Per pkt 5c, Oz. 20c.

**Charles Darwin.**—Handsome flowers of a rich dark purple, with a large velvety black spot proceeding from the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the petals. Per Pkt. 15c.

**Poppy Charles Darwin**

**Mikado.**—Effective double poppy with deeply lacinated petals; white at the base, shading off to pink and rose above. Per pkt. 5c, oz. 25c.

**Carnation Double Mixed.**—Choice assortment of brilliant colors. Flowers very double and well fringed. Per pkt. 5c, oz. 20c.

**Paony Flowered Double Mixed.**—Imposing double globular flowers. Well adapted for shrubberies and large borders. Per pkt. 5c, oz. 20c.

**Shirley.**—The most charming poppy in cultivation. The blossoms are bright and showy and include an almost endless variety of colors, from pure white, pink, terra cotta, salmon, chamois, and rosy carmine, to brilliant crimson, many of the flowers being beautifully flaked or edged with white. Per pkt. 5c, oz. 25c.

**Poppy Shirley**

**Umbrosum.**—Dwarf habit, bright crimson flowers, distinctly spotted with black. Per pkt. 5c, oz. 20c.

**Nudicaule (Iceland Poppy).**—A beautiful class of dwarf Perennial Poppies, which if sown in March will flower the same year. The blossoms are bright and showy, borne on slender stems about 1 foot high. Useful for cutting and the flowers exhale an agreeable perfume.

**Nudicaule Yellow.**—Per pkt. 5c, oz. 50c.

**Mixed Colors.**—Per pkt. 5c, oz. 45c.

**Virginian Poppy.**—This new large flowering Poppy of the annual class produces beautiful large, white flowers with fringed soft pink edge. Cut flowers in vases, etc., are of quite a charming effect, and are for this purpose especially recommendable as they are very lasting. when cut in the morning, as a color-showing bud Per Pkt. 10c.



**Poppy Virginia**

**Alpinum (Alpine Poppy).**—A charming little Poppy with bright flowers resembling those of the Iceland Poppy, but the plants are more dwarfed. Excellent for sunny borders or rock work. Height 6 inches. **Per pkt. 10c, ¼ oz. 75c.**

**PORTULACA**

Beautiful race of dwarf plants for rock-work or dry sunny locations, bearing glossy cup-shaped blossoms in brilliant colors.

**Double Mixed.**—Saved from the finest flowers only, and will produce a large percentage of doubles. **Per pkt. 10c.**

**Single Mixed.**—Large flowered. **Per pkt. 5c.**

**PRIMULA**

Charming profuse blooming plants, indispensable for winter and spring decoration in the house. For a succession of blooming plants sow the seed from March to May and again in July or August. In planting, cover the seed lightly and keep moist, transplant when the second leaf appears and keep repotting the plants as they grow and increase in size.

**Primula**

**Chinensis Fimbriata Mixed.**—Beautiful fringed flowers of gigantic size and great substance. Foliage elegantly curled. **Per pkt. 25c.**

**Chinensis Stellata or (Star Primula) Mixed.**—A distinct and beautiful class; will be found indispensable for general decoration work. The plants are very floriferous and bloom for a long period. **Per pkt. 25c.**

**Auricula.**—Choice mixed, saved from all the best sorts, embracing many delicate and brilliant shades. **Per pkt. 10c.**

**Japonica Mixed.**—Bright and showy flowers, borne in whorls on stems 6 to 9 inches long. **Per pkt. 10c.**

**PYRETHRUM**

Handsome herbaceous plants of easy culture. Invaluable for bedding purposes, especially for ribbon borders.

**Golden Feather.**—Fine compact habit of growth, with bright yellow foliage, largely used for edgings and ribbon borders, height 9 inches. **Per pkt. 5c.**

**Selaginoides.**—A distinct form with moss-like foliage, quite as bright in color as the Golden Feather and does not flower till late in the season, height 6 inches. **Per pkt. 5c.**

**Roseum.**—A hardy perennial, with red petaled flowers radiating from a golden yellow center. Buhach, or insect powder, is made from the dry leaves. **Per pkt. 5c.**

**RICINUS (Castor Oil Plant)**

These noble plants are highly ornamental and effective for sub-tropical gardens. Easily raised from seed, and should be grown in deep rich soil.

**Cambodgiensis.**—The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be attained when planted in groups, height 1 foot. **Per Pkt. 5c.**

**Ricinus Gibsoni.**—A very fine variety with rich, lustrous, red foliage, height 5 feet. **Per pkt. 5c.**

**Romneya Coulterii****ROMNEYA COULTERII (California Tree Poppy)**

Also well known as the Matilija Poppy. This fine perennial is of a supreme and stately beauty. It is of value as a cut flower, lasting well in water, and its delicate primrose-like perfume is most acceptable. The texture of the petals is extremely delicate, indeed, half transparent. They never lose the crumpled folds that in the case of most poppies betoken newly opened state. The flowers are

large, four to five inches across, pure white, with a fine bunch of yellow stamens resembling white, single peonies. **Per pkt. 10c.**



**Salvia**

**SALVIA (Flowering Sage)**

Among the best brilliantly colored of garden flowers and extremely useful for bedding; also valuable for pot culture. Blooms are borne in long spikes well above the foliage and continue in flower a long time.

**Splendens.**—Gorgeous plants, with numerous flowers, which are displayed with striking effect against the deep green foliage. A bed of this flower is exceedingly beautiful during the autumn, height 2 feet. **Per pkt. 5c.**

**Patens.**—Valuable for bedding; bright blue flowers, height 2½ feet. **Per pkt. 10c.**

**Coccinea Lactea.**—A fine, pure white flowering variety, height 2 feet. **Per pkt. 5c.**

**SALPIGLOSSIS**

Highly ornamental half-hardy annual with large, veined, funnel-shaped flowers; much prized for cutting; very showy in beds or borders. A bed of these beautiful plants is one of the most striking features of the garden during July and August.

**Grandiflora.**—Mixed. **Per Pkt. 10c.**

**SCABIOSA**

Handsome border plants succeeding in any ordinary soil if well drained and in a sunny location, and should be grown where cut flowers are wanted. Will last a long time when picked and placed in water.



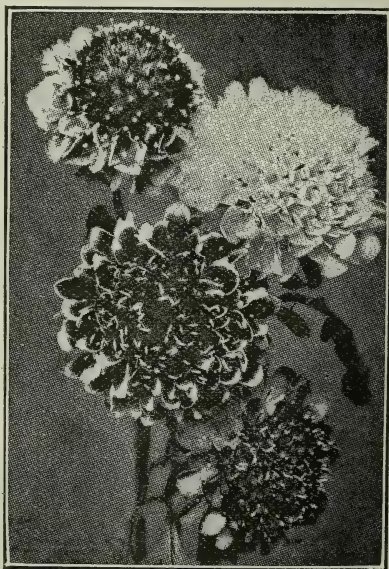
**Salpiglossis**

**Caucasia.**—A highly decorative variety. Flowers large and of a soft mauve or heliotrope color, height 2 feet. **Per pkt. 10c.**

**Snowball.**—Large heads of lovely pure white flowers, height 3 feet. **Per pkt. 5c.**

**Tall Double Mixed.**—Immense flowers, very double. **Per pkt. 5c.**

**Dwarf Double Mixed.**—Beautiful colors, very effective, height 12 inches. **Per pkt. 5c.**



**Scabiosa**

**SCHIZANTHUS**

Very beautiful and interesting annuals. Indispensable for green house and conservatory decoration or outdoor culture.



**Wisetonensis.**—A charming new variety, producing a profusion of bloom in continuous and successive crops. Flowers large and of various pleasing shades, height 2 feet. **Per pkt. 25c.**

**Finest Mixed.**—A mixture of all the most showy varieties, height 2 feet. **Per pkt. 5c.**

#### SENSITIVE PLANT

An interesting plant, the leaves of which close when touched; elegant foliage; flowers pink. **Per Pkt. 5c.**

#### SMILAX

A half hardy perennial climber, easily grown from seed. The slender, graceful stems and elegant bright foliages are unequalled for festooning, bouquets, or for table decoration. When cut the sprays remain fresh for a long period, height 8 feet or more. **Per pkt. 5c.**



**Shasta Daisy**

#### SHASTA DAISY

A hardy perennial plant; blooms more abundantly each season; multiplied by division of roots or sowing seed. They bloom for several months in great abundance. The flowers are large and graceful, with three or more rows of pure white petals. Valuable for cutting, height 10 inches. **Per pkt. 10c.**

#### STATICE (Sea Lavender)

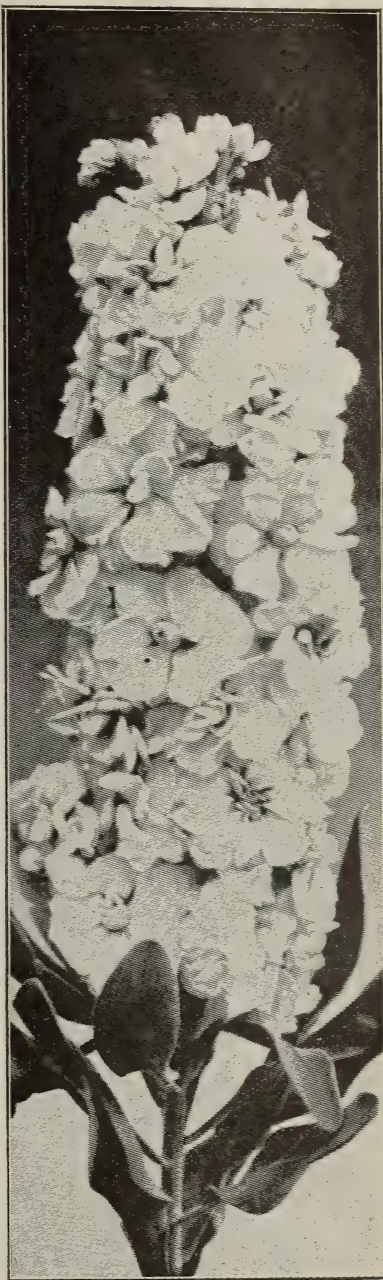
Splendid hardy perennials, with tufted grass-like foliage, from which issue long stems terminating with large globular heads of rose pink flowers. Sometimes called sea pinks.

**Suworowi.**—Flowers bright rose-color. Valuable for winter bouquets. **Per pkt. 5c.**

#### STOCKS

The Stock is one of the many popular plants used for bedding. For brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. Hardy annual.

**Nice Early Large Flowering Winter Stock**



**Stock Mont Blanc**

**Stock Mont Blanc.**—This is indeed a wonderfully fine type of the largest flowering German Stocks. The plants are robust in habit, have long vigorous flower stems covered with very large and fully double snow-white sweet-scented flowers. With good culture and feeding

with a little liquid manure, one can obtain gigantic bouquets. Like all the nice section, this variety can be cultivated either as a summer or as a winter Stock, and owing to its unrivalled freedom of bloom will be found excellent for bedding or for cutting. **Per Pkt. 20c.**

**Giant Beauty of Nice.**—A fine branching Stock excellent for winter decoration if sown in July or August, producing an abundance of delicate flesh pink spikes of double flowers, height 2 feet. **Per pkt. 10c.**

**Giant Queen Alexander.**—Similar to the above except in color, which is rosy-lilac. **Per pkt. 15c.**

**Giant Crimson King.**—A very handsome variety producing beautiful long spikes of bloom, of a rich crimson color. **Per pkt. 15c.**

**Giant Almond Blossom.**—A very conspicuous and handsome Stock of quick growth with flowers of a very large size. The color is white shaded carmine giving a very pleasing effect. **Per pkt. 15c.**

**Empress Elizabeth.**—A very choice variety giving an abundance of carmine pink spikes of double flowers, height 15 inches. **Per pkt. 10c.**

#### PERPETUAL OR BRANCHING

Cut and come again, 10 weeks; are especially valuable during summer and winter for cut flowers. They throw out numerous side branches, all bearing very double fragrant flowers.

**Princess Alice.**—A very fine ten weeks Stock producing large spikes of beautiful white flowers. Excellent for cutting. **Per pkt. 10c.**

**Carmine.**—A striking variety with deep crimson flowers. **Per pkt. 10c.**

**Chamois.**—Worthy a place in every garden for its fine trusses of large flowers of a charming buff-pink. **Per pkt. 10c.**

**Shining Purple.**—Free flowering and will be valued where cut flowers are required. **Per pkt. 10c.**

**Apple Blossom.**—Exceedingly choice flowering variety. The long spikes of apple-blossom flowers are produced on plants of compact habit. **Per pkt. 10c.**

**Perpetual or Branching Mixed.**—Finest assorted colors. **Per pkt. 10c.**

**Dwarf German Ten Weeks.**—Finest mixed, brilliant colors only. **Per pkt. 10c.**

**Giant Perfection Ten Weeks Mixed.**—A wonderful type of the largest flowering German Stocks, of strong growth, branching habit, very large and fully double flowers, the plants growing to a height of 15 to 18 inches. **Per pkt. 10c.**

**Large Flowering Dwarf Ten Weeks Mixed.**—A fine type of the ordinary large flowered strain. A large percentage of the flowers coming double. **Per pkt. 10c.**

**Brompton or Winter Finest Mixed.**—These varieties give a large percentage of double flowers of a pleasing combination of colors. Plants of a compact habit. **Per Pkt. 10c.**

#### SUNFLOWER (*Helianthus*)

Stately hardy annuals of easy culture, very effective in mixed borders, shrubberies, etc. The smaller flowered varieties being also useful for cutting.

**Californicus Double.**—Large, massive, bright yellow flowers, height 6 feet. **Per pkt. 5c.**



Sunflower (*Helianthus*)

**Miniature.**—Very popular Sunflower of branching habit, producing in great abundance small golden yellow flowers with black centers. Exceedingly valuable for cutting. Height 4 feet. **Per pkt. 5c.**

**Dwarf Miniature.**—Remarkably dwarf compact strain of this favorite flower; the plant forms perfect little bushes, thickly studded with blooms, height 12 inches. **Per pkt. 10c.**

**Double Dwarf.**—Very attractive variety covered with an abundance of golden yellow flowers, height 3 feet. **Per pkt. 5c.**

#### SWEET PEAS

The immense popularity of Sweet Peas is fully demonstrated by the many new and beautiful varieties which are introduced each year, embracing all the most charming shades imaginable. Those enumerated in the following selections including only the best large flowering up-to-date varieties, and they have been classified under their respective color heads in order to assist those who wish to make a selection.



Othello Spencer



**SWEET PEAS****White**

**Burpee's White Spencer.**—Very large, pure white flowers, beautifully waved. Per pkt. 5c, oz. 5c, ¼ lb. 50c.

**Nora Unwin.**—Large frilled white flowers. Per pkt. 5c, oz. 10c, ¼ lb. 30c.

**Dorothy Eckford.**—Large white flowers. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Emily Henderson.**—The most sturdy and vigorous white. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**White Wonder.**—Pure white, double, the best double white in existence. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Mont Blanc.**—Dwarf, early-flowering, white variety. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Senator Spencer**

**Burpee's Earliest White.**—Best forcing variety. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Denzers White.**—Early forcing variety. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Light Pink, Almost White**

**Modesty.**—White with tint of pink showing a trifle deeper on the edges. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Sensation.**—Standard very light pink and buff, wings pure white. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Pale Yellow or Primrose**

**Burpees Primrose Spencer.**—Flowers unusually large, of a beautiful creamy yellow throughout both standard and wings. Per pkt. 5c, oz. 15c, ¼ lb. 25c.

**Hon. Mrs. E. Kenyon.**—Clear buff-yellow spreading flowers. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Sunbeams.**—Dwarf early flowering variety. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Stella Morse.**—The best cream and buff. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Coquette.**—Primrose yellow, shaded pale lavender. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Satin Queen Spencer (new).**—Very large, beautifully waved flowers of a delicate primrose color, with a tint of pink. Per pkt. 10c.

**Shades of Pink**

**Florence Morse Spencer.**—Flowers light pink, extremely large, of the finest open wavy form. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Prima Donna.**—A most lively shade of soft pink. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Katherine Tracy.**—Soft but brilliant pink. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Mrs. Rontzahn Spencer.**—Flowers are of the largest size, thoroughly crumpled and waved, of the true Spencer type. The beautiful coloring is buff or apricot ground flushed and suffused with pink, deepening toward the edges of the standard. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Royal Robe.**—Pure pink. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Blushing Beauty.**—Light pink with a suggestion of mauve. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Queen of Spain.**—Soft buff-pink. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Countess of Lathom.**—Cream ground suffused with pink, very charming color. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Venus.**—Exquisite creamy white, slightly flushed with rose. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Light Pink Shaded and Deeper Pink**

**Counter Spencer.**—Very charming flower, pale pink with slightly larger edges. Standard wavy. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Enchantress.**—Similar to Countess Spencer, but slightly darker in color. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Gladys Unwin.**—Distinct frilled standard and open wings, pretty pale pink shade. Per pkt. 5c, oz. 10c, ¼ lb. 35c.

**Mrs. Alfred Watkins.**—Delicate rose-pink frilled flowers. Per pkt. 5c, oz. 10c, ¼ lb. 35c.

**Paradise.**—Delicate flesh pink, large frilled flowers. Per pkt. 5c, oz. 10c, ¼ lb. 35c.

**Lovely.**—Large, pink standard, delicate rose wings. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Janet Scott.**—Large, deep pink. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Hon. F. Bouverie.**—Standard flesh pink, wings rosy buff. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Rose Shades and Pink**

**Apple Blossom Spencer.**—Blush wings with darker standard, large waved flowers. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Blanche Ferry Spencer.**—Standard bright rose-pink, wings creamy white tinted with rose. Large waved flowers. Per pkt. 5c, oz. 15c, ¼ lb. 50c.

**Earliest of All.**—Valuable dwarf, rose and white, variety for early forcing. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Blanche Ferry.**—The popular pink and white. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Ex. Ey. Blanche Ferry.**—10 days earlier than Blanche Ferry. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Triumph.**—Large, crimson-rose on white ground. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Orange Pink or Salmon Shades**

**Aurora.**—Large flowers, lightly flaked salmon on white ground. Very effective. Per pkt. 5c, oz. 10c, ¼ lb. 25c.

**Helen Lewis.**—Fine flowers of very pleasing shades of orange-pink. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c.

**Henry Eckford.**—Very fine orange pink. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

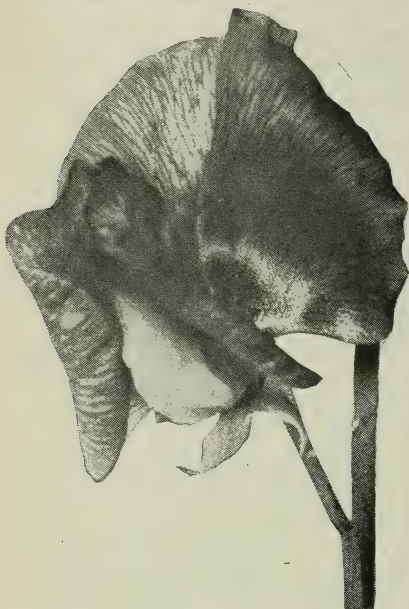
**Prince Edward of York Spencer (new).**—Pale salmon standard and rosy wings, large waved flower. Per pkt. 10c.

**Evelyn Byatt.**—Standard salmon-orange, wings rich salmon-pink. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Meteor.**—Pale salmon standard and rosy wings. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### Shades of Red

**King Edward Spencer.**—Immense, brilliant red flowers, waved petals. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c.



Queen Alexander Spencer

**Ruby Spencer.**—Rich fiery crimson flowers of large size and waved form. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c.

**Salopian.**—Scarlet crimson, large flowers. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Mars.**—Bright red, of medium size. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**King Edward VII.**—Striking, scarlet-crimson flowers, with well expanded wings. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Invincible Scarlet.**—Bright red. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**America.**—Scarlet striped. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c.

**Scarlet Gem.**—Almost a dazzling scarlet. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### Rose and Crimson

**Prince of Wales Spencer.**—Glossy, crimson-rose flowers of waved form. The vine is a very vigorous grower, and the stem usually bears four blossoms. This is the largest and finest variety of this shade of red. Per pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 75c.

**Mrs. Joe Chamberlain Spencer.**—White ground, flaked rose flowers of large size and waved form. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c.

**Gaiety Spencer.**—Light magenta rose striped on white, large frilled flower. Per pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 75c.

**Geo. Herbert.**—Bright rose-carmine, large, open, wavy form. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**John Ingman.**—Bright rose red with frilled petals. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**E. J. Castle.**—Fine carmine rose, waved standard. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Phyllis Unwin.**—Intense rosy carmine, frilled flowers. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Lord Roseberry.**—Handsome red flowers of fine form. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Mrs. Joe Chamberlain.**—Striped, bright rose on white. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Jessie Cuthbertson.**—Primrose striped with rose. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### Lavender and Mauve Shades

**Juanita Spencer.**—Standard mauve, wings lavender, both striped on white; flowers of largest size and waved form. Per pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**Mrs. Chas. Foster.**—A lovely shade of lavender, flowers large and beautifully waved, generally four flowers on a stem, a great acquisition. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Frank Dolby.**—Fine pale mauve self with wavy standards. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Lady Grisel Hamilton.**—A refined shade of pale mauve. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Countess of Radnor.**—Delicate mauve-blue flowers. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Juanita.**—Pale lavender striped on white. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c. . . . .

**Phenomenal.**—White, shaded rosy lavender, beautifully edged with rich purple, a distinct and beautiful variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c.

#### Light Purple and Blue

**Mrs. Walter Wright.**—Large mauve blue of fine form. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Romolo Piazzani.**—Large flowers medium blue. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**A. J. Cook.**—Large mauve blue with waved standard. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**Emily Eckford.**—Bold lavender blue. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Dorothy Tennant.**—Deep rosy mauve, beautiful shade. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Admiration.**—Delicate shade of rosy lavender. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### Blue and Purple

**Helen Pierce.**—Blue mottled on pure white unique. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Senator.**—Purplish maroon heavily striped on white ground. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Senator Spencer.**—Beautiful frilled flowers, color similar to the preceding variety. Per pkt. 10c.

**Captain of the Blues.**—Standard is purplish mauve, wings are lavender-purple. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### Maroon Indigo and Violet

**Othello.**—Very dark maroon showing veins of almost black. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.



**Black Knight.**—Handsome glossy maroon flowers. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Black Knight Spencer.**—Immense waved flowers of a rich glossy maroon. Per pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**Stanley.**—Chocolate purple, very large and handsome. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Navy Blue.**—The large flowers are of a deep glowing violet-purple. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**A. & M. Prize Mixed.**—This choice mixture contains the best of the new and standard sorts. It is made up entirely of new and separate varieties, carefully proportioned as to its combination. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c.

**Spencer Mixed.**—Splendid mixture of all the different Spencer type. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.25.

**Unwin Mixed.**—This includes all the different varieties of the Unwin type. Per pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

#### CUPID OR DWARF SWEET PEAS

This class is quite distinct from the tall or climbing varieties. The compact plants attain a height of about 8 inches only and are admirably adapted for edging or borders.

**The Bride.**—Pure white. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Blanche Ferry.**—Pink and white. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Beauty.**—Rose and white. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Bridesmaid.**—Pink. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Dorothy Tennant.**—Rose purple. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**Stella Morse.**—Buff with tint of pink. Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

#### WINTER FLOWERING SWEET PEAS

A valuable race of early flowering Sweet Peas, which from a September sowing will give an abundance of bloom from Christmas onwards. On account of their delightful perfume, Sweet Peas are particularly welcome during the days of winter.

**A. & M. Xmas White.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Pink.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Cream Pink.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Pink and White.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Primrose.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Lavender.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

**A. & M. Xmas Red.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

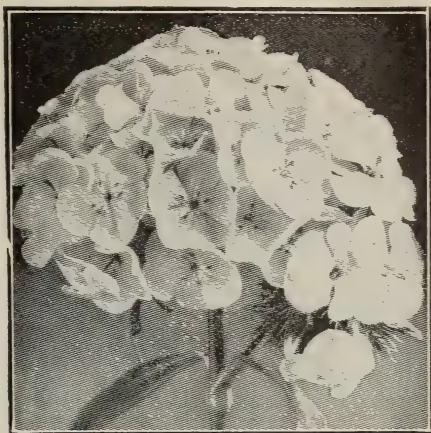
**A. & M. Xmas Blue.**—Per pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00.

#### SWEET WILLIAM

A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, delightfully sweet-scented. For cut flowers, they are not surpassed; height 1 to 2 feet.

**Single Mixed.**—Magnificent strain, flowers of large size, containing many attractive shades. Per pkt. 5c.

**Double Mixed.**—Carefully saved from double flowers. Per pkt. 5c.



Sweet William

#### THUNBERGIA

A hardy annual climber. Valuable for low fences, or hanging baskets. Prefers a sunny location. Blossoms are buff, orange, or white with dark centers.

**Mixed.**—Per pkt. 5c.

#### VERBENA

A well known, attractive, free flowering half hardy perennial, producing a splendid effect in beds and borders with their bright and varied flowers.

**Mammoth White.**—Dense heads of finely shaped large white flowers. Per pkt. 10c.

**Mammoth Blue.**—Showy, distinctive; fine for edgings. Per pkt. 10c.



Verbena Rose Queen

**Mammoth Pink.**—Although the color varies from shell-pink to deep salmon-pink, all the shades are very pretty and harmonious, and give a most beautiful effect. Per pkt. 10c.

**Mammoth Purple.**—Comes remarkably true from seed both in habit and color. Per pkt. 10c.

**Mammoth Striped.**—Beautiful, a rich collection. Per pkt. 1c.

**Mammoth Scarlet Defiance.**—Bright, rich scarlet; has small leaves. Per pkt. 10c.

**Mammoth Rose Queen (new).**—Large brilliant rose. A splendid bedding plant. Per pkt. 20c.

**Mammoth Mixed.**—Many attractive colors; large flowers in fine trusses. Per pkt. 10c.

**Venosa.**—A handsome hardy perennial, producing purple flowers; remains in bloom a long period. Per pkt. 10c.

**Lemon Scented.**—This favorite old sweet scented perennial may be readily raised from seed. The delightful lemon fragrance of the leaves is very refreshing and pleasant. Per pkt. 10c.

#### VINCA

Ornamental, free blooming plants for bedding. They flower from seed the first season, continuing until frost, or they may be potted and kept in bloom through the winter; excellent for cutting. Height 2 feet.

**Fine Mixed.**—Per pkt. 5c.

#### VIOLETS

Hardy perennial, blooming freely throughout the summer and autumn, of easy culture.

**Viola Cornuta Purple.**—Fine, rich, purple. Per pkt. 10c.

**Viola Cornuta White.**—Pure white flowers, freely produced. Per pkt. 10c.

**The Czar.**—Large, fragrant, deep violet flowers. Per pkt. 10c.

**Princess of Wales.**—Largest flowering, deep blue. Per pkt. 10c.

#### VIRGINIA CREEPER

A well known, hardy, perennial climber of rapid growth, clinging to the side of whatever it may be grown against by the rootlets it throws out all along the stems. Height 50 feet. Per pkt. 10c.

#### WISTARIA

A tall, rapid-growing vine with feathery foliage and handsome flowers. The glorious blossoms, radiant in their inherent oriental splendor, are profusely borne in long drooping clusters in mid-spring and gleam in soft tones of violet-purple. Very showy and desirable and decidedly one of the best.

**Chinensis.**—Violet purple. Per Pkt. 10c.

**Brachybotrys.**—Similar to the preceding except in color, which is pure white. Per pkt. 10c.

#### WALL FLOWER

These delightfully fragrant flowers are indispensable for every garden. Height 18 inches.

**Choice Double Mixed.**—A splendid selection, embracing a great variety of colors. Per pkt. 10c.

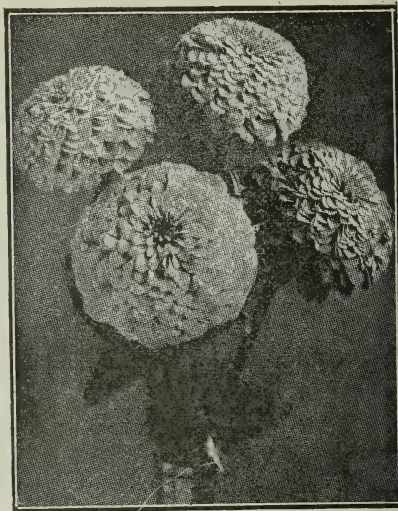
**Single Mixed.**—Per pkt. 5c.

#### ZINNIA

For gorgeous summer and autumn display, there is nothing that can equal in effectiveness the improved, compact-growing, large-flowering Zinnias; grows only 2 feet high and bears flowers of immense size and of the most brilliant colors.

**Tall Double.**—The finest strain in cultivation; flowers large, well formed and the colors superb. Per pkt. 5c.

**Dwarf Double.**—A valuable class only about 15 inches high, very free blooming; flowers as large as the ordinary double Zinnia. Per pkt. 5c.



Zinnia

**Elegans Single Mixed.**—Height 2 feet. Per pkt. 5c.

**Haageana (Golden Star).**—A greatly improved variety of this too-little-known dwarf border plant. The rich orange star-like flowers produced on vigorous plants of compact growth are very effective. Per pkt. 10c.



**Zinnia Grandiflora Robusta Plenissima.**—For gorgeous summer and autumn display there is nothing that can equal in effectiveness this splendid large flowered Zinnia. The plants are of extremely robust habit and send up numerous long firm stalks crowned with semi-globular and mostly very double flowers measuring 5 to 6 inches in diameter. With good culture, grand and long lasting effects can be produced in beds and borders with the three beautiful colors here offered:

Pure White, Per Pkt. 15c.

Scarlet Yellow, Per Pkt. 15c.

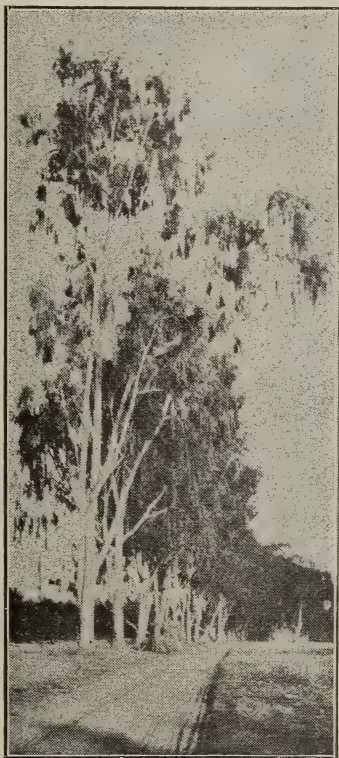
Golden Yellow, Per Pkt. 15c.



# Eucalyptus

## Special Department

We are headquarters for Eucalyptus, having on hand seeds of all the following varieties. We also issue a pamphlet of instructions how to grow the trees from seed. The pamphlet is free to all who are interested in Eucalyptus



*Eucalyptus Tereticornis*

grower, planted in warm countries on account of its malaria destroying qualities; the wood partakes of a very high polish resembling polished hickory when finished; also valued for wagon work; as for fuel it is one of the best, easily sawed and split; height 150 feet. Oz. 50c; lb. \$5.00.

**Goniocalyx (New South Wales Blue Gum).**—A very rapid grower; very tough and durable. In its native country it is used by wheelwrights; height 200 feet. Oz. 80c; lb. \$8.00.

**Gunnii (Tasmanian Cider Tree).**—One of the hardiest gums, recommended for all elevated and exposed positions; will stand considerable frost; good fuel; height 100 feet. Oz. \$1.00; lb. \$10.00.

**Gomphocephalia (Tuart).**—Wood of great strength, suitable for bridge work and where great strength is required; strongly recommended by Von Muller for ship building and bridge work; height 80 feet. Oz. \$1.00; lb. \$10.00.

**Haemostoma (White Gum).**—Wood good for fencing and rough building material; grows particularly well on sandy soil; height 150 feet. Oz. \$1.00; lb. \$12.00.

**Lehmanni.**—A very hardy variety. Makes a fine avenue tree or wind break; does well at the beaches on the sand. Oz. 75c; lb. \$7.50.

**Leucoxydon (Victorian Iron Bark).**—Timber possessed of great strength and great durability, highly recommended for underground work in mines, railroad ties and bridges; height 150 feet. Oz. 75c; lb. \$7.50.

**Amygdalina (Messmate Gum).**—One of the tallest varieties in the world. In Gittsland, Australia, are trees over 400 feet in height. Makes first-class timber for flooring and frame work. Oz. 75c; lb. \$7.00.

**Botryoides (Bastard Mahogany).**—Smooth bark, of vigorous growth. Thrives near the coast on light soil; timber very durable; used for post and planking and ribs of vessels; 150 feet. Oz. 75c; lb. \$7.50.

**Calophylla.**—Ornamental, with white flowers, fine for avenue planting. Wood greatly used in Australia for spokes. Oz. \$1.00.

**Citridora (Lemon Scented Gum).**—A fine ornamental tree with lemon scented foliage; also its timber is very useful; grows 150 feet high. Oz. \$1.00.

**Corynocalyx (Sugar Gum).**—Very ornamental and useful. Highly valued in this vicinity because it stands more drought than any other variety we know of. Timber very durable and is used for railroad ties, telephone poles, etc.; height 125 feet. Oz. 80c; lb. \$8.00.

**Crebra (Narrow Leaved Iron Bark).**—Wood reddish, heavy, elastic and durable; is ant and toredo proof; used for railroad ties, bridges and piles; height 100 feet. Oz. \$1.00.

**Diversicolor (Karri Gum).**—The tree from Southwest Australia, noted for its remarkable beauty, perfect shape, rapid growth. The timber is greatly used for building, masts, shafts, spokes, fence rails, etc. Will thrive well in low and moist lands, attaining a height of 500 feet. Oz. \$1.50.

**Ficifolia (Scarlet Flowered Gum).**—Ornamental, very showy, bright crimson; one of the most effective trees for avenue planting; height 200 feet. 25 seeds 25 cents; 100 seeds 75c.

**Globulus (Tasmanian Blue Gum).**—Well known. One of the most useful of all and a very rapid

**Longifolio (Wollybutt).**—A tree of very erect and tall growth, good timber and makes excellent fuel; height 200 feet. **Oz. 75c; lb. \$7.50.**

**Marginata (Jarrah).**—A species of mahogany, considered the most durable and tough variety, used in Australia for telegraph and telephone poles. **Oz. \$1.00; lb. \$10.00.**

**Mellidora (Black Iron Bark).**—It is a good shaped tree; the wood is very strong. It is also used for telegraph poles and makes excellent fuel; the flowers are greatly sought by bees; height 200 feet. **Oz. \$1.25.**

**Microcorys (Tallow Wood).**—Named on account of having a greasy surface; grows rapidly; wood strong and durable; good for ties next to Iron Bark, and other railway construction work; much used for flooring and also takes a splendid finish for furniture and many other purposes. **Oz. \$1.00; lb. \$10.00.**

**Paniculata (White Iron Bark).**—Wood hard and durable, excellent for railroad ties; also used for building, as it splits well, and is lasting underground; height 150 feet. **Oz. 75c.**

**Punctata.**—This tree is of medium size, attaining in Australia a height of 100 feet. Wood very tough, hard, close grained and very durable. Used for fence posts, railroad ties. It also makes excellent fuel. **Oz. \$1.00; lb. \$10.00.**

**Pilularis (Black Butt).**—Named on account of bush fires blackening the butt. The tree resists fire to a remarkable degree; grows almost as quickly as the Blue Gum to a height of 300 feet, with a diameter of 15 feet; wood useful for all general purposes, such as ties, railway construction work, building, wood-blocking, telegraph poles; strongly recommended. **Oz. \$1.00.**

**Piperita (Peppermint Gum).**—Quick growth, yields a greater quantity of oil than any other variety; timber valuable for shingles, fence rails, etc. **Oz. \$1.00.**

**Polyanthema (Australia Beach or Red Box).**—A rather showy growing tree, but its timber is highly appraised in mining and underground work for being remarkably hard and durable. Flowers are good for bees, thrives in temperate and cold climates, and succeeds in dry and hilly country; height 150 feet. **Oz. 75c; lb. \$8.00.**

**Resinifera (Forest Mahogany).**—This wood in grain and finish surpasses South American Mahogany, and is one of the most beautiful woods in the world; is used for furniture and many other purposes; becomes in time almost as hard as Iron Bark; grows to a large, straight tree; is the king of the stringy-bark varieties. **Oz. \$1.00; lb. \$10.00.**

**Robusta (Swamp Mahogany).**—Thrives best on low grounds, especially near the coast; is remarkably healthy. Greatly used in this section of the country for avenue planting; height 10 feet. **Oz. 60c; lb. \$6.00.**

**Rostrata (Red Gum).**—Well known. A rapid grower. It will grow under a great variety of climates. The timber is unsurpassed for durability and it is used in furniture, vehicles, agricultural implements, manufacturing. Also used for railroad ties, street paving, block and ship building; height 200 feet. **Oz. 50c; lb. \$5.00.**

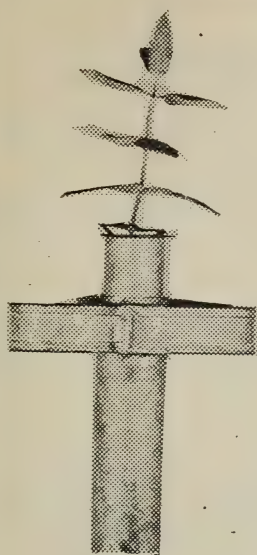
**Rudis (Desert Gum).**—This tree is noted for its toughness, being used as an avenue and wind break, withstanding winds, heat and cold; height 100 feet. **Oz. \$1.00; lb. \$10.00.**

**Saligna (Weeping Gum).**—Ornamental. Very graceful, drooping variety. Good for fuel; height 75 feet. **Oz. \$1.00.**

**Siderophloia (Dark or Broad Leaved Iron Bark).**—This is the king of our hard woods; makes the best ties in the world, and other work requiring strength and durability; used for many purposes. This tree will grow on poor soil, but is slower in growth than many others of the Eucalyptus. This tree will grow well here, but the grower will not expect a return from this tree under fifteen years; not a large tree. **Oz. \$1.00; lb. \$10.00.**

**Sideroxylon (Red Iron Bark).**—The red Iron Bark is a tree of medium to large size, usually grows erect with an even trunk, having numerous side branches, especially toward the top. It is highly prized in Australia as that of other Iron Barks. Its principal uses are for bridge construction, for railway ties, girders and large beams in building, for joists and posts and for a great variety of other purposes where strength and durability are required. Flowers light pink to scarlet. **Oz. \$1.00; lb. \$10.00.**





**Stuartiana (Apple Scented Gum).**—A medium sized tree with drooping branches. Wood used in furniture making. Good for fuel. **Oz. \$1.00.**

**Tereticornis (Gray Gum).**—A rapid grower and erect. Wood durable and useful for shingles, flooring, piles, bridge work and street paving blocks, boat building and wheelwright work under water. This timber will last for ages. It is also good honey producer; height 200 feet. **Oz. 75c; lb. \$7.50.**

**Viminalis (Manna Gum).**—A hardy, rapid growing variety and well suited to exposed situations. **Oz. 75c; lb. \$7.50.**

All Eucalyptus seed priced in this catalog at 50c per oz. can be had at 10c per pkt. All offered at 75c per oz. can be had at 15c per pkt. All offered at \$1.00 per oz. and up can be had at 25c per pkt.

### Transplanter

**Transplanter.**—A Transplanter that does the work without disturbing the roots. It first makes the hole where you wish the plant, then picks up the plant, root and all, without disturbing it, and sets the plant into its new location without checking its growth. A child can operate it. Just the thing for Eucalyptus Growers and Nurserymen. **Price, 50c; by mail 60c.**

## Tree Seed Department

### Seed of Evergreen Trees and Shrubs

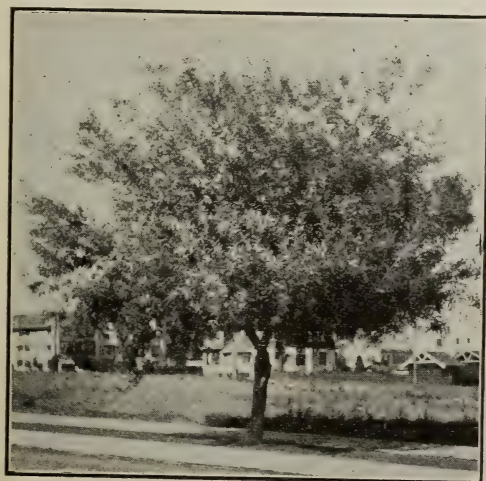
### Acacia

This great family of plants comprises about 400 species and the genus is one of the largest known. We have confined ourselves to varieties of well known merit and the purposes for which these are best suited are enumerated below. The Acacia finds conditions favorable to its very best development in California, for the climatic conditions are very similar to those of Australia and New South Wales, from which all the best varieties originate. Some of them are very rapid growers and make fine

strong trees and may be used either for single specimens, street or avenue planting; others have tendency to grow in the form of immense spreading bushes and may be used to advantage for grouping, for they become effective within a very few years after planting. Nearly all of them are very floriferous, some of them commencing to bloom before the winter season is over.

**Acacia Baileyana.**—A very ornamental tree with glaucous green foliage. Flowers yellow, in racemes 3 to 4 inch long. One of the most beautiful of the Acacias for lawn and park planting; height 20 feet. **Oz. 50c; lb. \$5.00.**

**Cultriformis (Knife Leaved Acacia).**—A beautiful species and of distinct character, forming a large shrub, with glaucous green leaves. When in bloom the plants present a splendid appearance on the lawn; height 10 to 15 feet. **Oz. 35c; lb. \$4.00.**



**Acacia Baileyana**

**Dealbata (Silver Wattle).**—With beautiful silvery foliage. Very ornamental for sidewalk and lawn planting. Flowers canary yellow, fine for cut flowers; keep well; height 40 feet. **Oz. 35c; lb. \$3.50.**



## Yucca Tree Protectors

Just the thing with which to protect the young trees and shrubs from the rays of the hot summer sun, being cheap and serviceable.

No.	Per 100	Per 1000
4 30 in. long, 7 in. wide.....	\$2.25	\$20.00
5 24 in. long, 7 in. wide.....	2.00	17.00
6 18 in. long, 7 in. wide.....	1.75	14.50
7 16 in. long, 7 in. wide.....	1.60	13.00
8 14 in. long, 7 in. wide.....	1.40	11.50
9 12 in. long, 7 in. wide.....	1.25	10.50
10 10 in. long, 7 in. wide.....	1.15	9.50

**Decurrens (Black Wattle).**—A medium size tree. Very useful for wind breaks; height 30 feet. **Oz. 35c; fb. \$3.50.**

**Floribunda.**—An abundant bloomer and ornamental. Very valuable for lawn, park, sidewalks; height 20 feet. **Oz. 40c; fb. \$4.00.**

**Latifolia.**—A handsome tree, thrives well along the seacoast; leaves broad, cat-tail yellow flowers; native of South Africa; height 15 feet. **Oz. 40c; fb. \$4.00.**

**Lophantha (Crested Wattle).**—One of the most rapid growing for first temporary shelter; good for the beach or dry places; height 20 feet. **Oz. 15c; fb. \$1.25.**

**Melanoxylon (Blackwood).**—A well uniformed tree. Being planted very extensively for sidewalk ornamentals, attaining a height of 50 feet. **Oz. 35c; fb. \$3.50.**

**Mollinissa.**—An abundantly blooming tree. Very ornamental, suitable for lawns and sidewalk and parks. **Oz. 50c; fb. \$5.00.**

**Pycantha (Golden Wattle).**—Of a drooping habit, rapid grower, well adapted for near the coast; height 25 feet. **Oz. 25c; fb. \$3.00.**

### Conifera—Cedar

**Cedrus Deodora (Himalaya Cedar).**—Exceedingly handsome, with drooping branches and silvery green foliage forming a dense network; the finest, most rapid grower of Cedars and worthy of a place in every garden; height 30 feet. **Oz. 50c; fb. \$5.00.**

**Libani (Cedar of Lebanon).**—A magnificent tree for lawn decoration; height 75 feet. **Oz. 50c; fb. \$5.00.**

**Cryptomeria Elegans.**—A small, dense tree, with glaucous green foliage, changing in autumn to bronzy crimson color, which is retained throughout the winter. **Oz. 50c.**

**Japonica (Japan Cedar).**—Large, slender tree, with a tapering trunk, covered with a reddish brown bark; thrives under any conditions; height 75 feet. **Oz. 30c; fb. \$3.00.**

### Cypress

**Cypressus Lawsoniana (Lawson Cypress).**—A native tree, with elegant, slender drooping branches; leaves dark, glossy green tinged with a glaucous hue; height 75 feet. **Oz. 40c; fb. \$4.00.**

**Macrocarpa (Monterey Cypress).**—A California native, and one of the most desirable of evergreens; extensively used for hedges and wind breaks; height 50 feet. **Oz. 10c; fb. \$1.00.**

**Guadelupensis (Blue Cypress).**—Erect pyramidal grower, with glaucous foliage. Very ornamental for lawn; height 50 feet. **Oz. 50c; fb. \$5.00.**

**Sempervirens (Italian Cypress).**—A European variety growing very erect, branches parallel with the trunk; deep green color. Very desirable for cemeteries and arches; height 60 feet. **Oz. 30c; fb. \$3.00.**

### Juniperus

**Juniperus Virginiana (Red Cedar).**—A well-known ornamental tree, usually of pyramidal form and having beautiful red heart wood. Its timber has an aromatic fragrance, and is very useful; height 60 feet. **Oz. 25c; fb. \$2.50.**



## Seeds of Evergreen Trees and Shrubs—Continued

**Libocedrus Decurrens** (Immense Cedar).—A handsome, compact growing tree, erect and distinct from any other; with a stout trunk, branches bright, rich, glossy green. Native of California and Oregon; height 75 feet. Oz. 25c; lb. \$4.00.

## Pinus

**Pinus Canariensis** (Canary Island Pine).—A handsome tree, of robust growth, with bright green foliage; growing almost as rapidly as the Monterey Pine; height 100 feet. Oz. 35c; lb. \$3.50.

**Coulteri** (Big Cone Pine).—A native of California; robust growth, cones of the largest size, often 12 inches long and 6 inches in diameter, weighing from 4 to 5 pounds; height 100 feet. Oz. 35c; lb. \$3.50.

**Insignis** (Monterey Pine).—A very fine Pine; native of California, being particularly well adapted to our coast counties, thriving in almost any kind of soil; height 100 feet. Oz. 25c; lb. \$3.50.

**Lambertiana** (Sugar Pine).—The tallest of all California Pines, presenting a very attractive appearance when young. Its timber is the most valuable of all our native Pines; height 150 feet. Oz. 35c; lb. \$3.50.

**Ponderosa** (Yellow Pine).—A very rapid grower and perfectly hardy; one of the greatest timber trees in California. The bark is very thick and divided into large, flat, smooth plates; height 200 feet. Oz. 35c; lb. \$3.00.

**Strobus** (Eastern White Pine).—A compact grower. Its foliage is of a light, silvery green; a handsome tree; adapts itself to a variety of conditions; height 100 feet. Oz. 40c; lb. \$4.00.

**Torreyana**.—One of our most beautiful native Pines; very ornamental for parks and large grounds, attaining a height of 50 feet. Oz. 35c; lb. \$3.50.

**Sequoia Gigantea** (California Big Tree).—The largest of all trees, probably the longest lived; rising like a tapering pyramid. The lower branches sweep the ground; an excellent ornamental tree, either for the coast or interior; height 300 feet. Oz. 75c; lb. \$7.00.

**Sempervirens** (California Redwood).—Well known throughout the world for its famous redwood timber. Very ornamental and a rapid grower. of tapering pyramidal habit, does remarkably well in any part of California; used for lawns and parks; height 40 feet. Oz. 40c; lb. \$4.50.

## Thuya, Arbor Vitae

**Thuya Occidentalis** (American Arborvitae).—A native variety, and commonly known as the White Cedar; used for hedges, etc.; height 50 feet. Oz. 30c; lb. \$3.25.

**Orientalis Aurea** (Chinese Golden Arborvitae).—One of the most elegant and popular. Very compact and regular habit, the foliage assuming a beautiful golden tint in spring; height 10 feet. Oz. 25c; lb. \$2.50.

**Branchychiton Acerifolium** (Scarlet Flowering Tree).—Of fine robust growth, with large, handsome foliage, producing masses of scarlet flowers; height 40 feet. Oz. 30c; lb. \$3.00.

**Camphor Officinalis** (Camphor Tree).—A symmetrical and ornamental tree, thriving in poor soil; bright green foliage, extensively planted throughout Southern California as an avenue tree, also making a nice ornament for the lawn. This tree is a native of Japan and China. From this tree they extract the Camphor of commerce. Attains a height in its native country of 50 feet. Oz. 25c; lb. \$2.50.

**Grivillea Robusta** (Silk Oak of Australia).—A well-known shade tree throughout California, with fern-like foliage and flowers of orange color. Of rapid growth; height 75 feet. Oz. 40c; lb. \$4.00.

**Hakea Eucalyptoides**.—A splendid ornamental evergreen tree, growing some 12 to 20 feet high, with a broad, dense growth having the appearance somewhat of a young Eucalyptus, with a very bushy top. Flowers are of a beautiful shade of pink and bloom in clusters. Pkt. 25c; per 100 seeds \$1.50.

**Jacaranda Mimosaeifolia** (Brazilian Jacaranda).—A handsome tree with fern-like foliage. Flowers blue or light violet, blooming in clusters early in the summer months. Greatly used as a street tree. Very hardy in this vicinity; height 40 feet. Pods containing from 20 to 40 seeds. 5c each; per doz. 40c.

**Ligustrum Japonicum** (Japanese Privet).—A very large shrub with glossy dark green, leathery leaves, flowers white, form in clusters, followed by purplish blue berries. A very desirable hedge plant; stands trimming well. Oz. 15c; lb. \$1.50.

**Magnolia Grandiflora.**—A native of the Southern States. One of America's most noble evergreens; foliage is thick with a nice bright waxy green; foliage underneath of brown velvet color; flowers of pure white. An immense size and fragrant; height 75 feet. Fresh seed during the fall and winter. Oz. 35c; lb. \$1.50.

**Pittosporum Eugenoides.**—Graceful form, light bright green foliage. Is suitable for lawns, parks and tall garden hedges; height 20 feet. Oz. 50c.

**Schinus Molle (Mexican Pepper Tree).**—This ornamental tree has been one of the greatest attractions of Southern California, with light feathery foliage and bright scarlet berries during the winter months. Oz. 10c; lb. 75c.

**Sterculia Diversifolia (Victorian Bottle Tree).**—This magnificent street and avenue tree, as its effective and ornamental qualities are becoming established, continues to be in great demand. One great point in its favor is that the roots do not interfere with the pavement of the city streets, and this one fact adds to its charms. Its graceful, tapering habit of trunk and foliage have given it a supremacy over many other trees. Its foliage, which is bright glossy green and constantly changing its shape. Oz. 35c; lb. \$3.50.

**Syncarpia Laurifolia (Turpentine Wood).**—This tree resembles a Eucalyptus in all its ways and forms, growing in Australia amongst the Eucalyptus so that it is often called Eucalyptus turpentine wood. It attains a height of 150 to 200 feet. It is used a good deal for replacing in Eucalyptus groves where others have died, because it will thrive in the shade where a Eucalyptus will not grow, and owing to its rapid growth it soon comes to their equal. This tree in a few years to come will be extensively planted like the Eucalyptus, as its timber is of great value. Tough and durable, used for railroad ties, bridge work, etc. Oz. \$1.00; lb. \$10.00.

**Viburnum Tinis (Laurstinum).**—A well-known winter flowering shrub of great beauty, producing an abundance of white flowers; well adapted for hedges. Pkt. 15c; lb. \$1.50.

### Deciduous Trees

**Acer Neugundo (Box Elder or Ash).**—Maple.—Large, fine, spreading tree of rapid growth, foliage ash-like, smaller than in other maples; a fine avenue tree; height 75 feet. Oz. 35c; lb. \$3.50.

**Catalpa Speciosa (Indian Bean Tree).**—Very valuable for forest and ornamental planting. Flowers white and purple; height 100 feet. Oz. 15c; lb. \$1.50.

**Ceratonia Seligua (St. John's Bread).**—A beautifully formed tree, with yellow flowers and edible saccharine pods which are very fattening; height 30 feet. Oz. 15c; lb. \$1.50.

**Melia Umbraculiformis (Texas Umbrella Tree).**—Of a very rapid growth; the top forming in the shape of an umbrella and very dense; greatly recommended for the hot and dry country; height 40 feet. Oz. 10c; lb. 75c.

**Robinia Pseudacacia (Black Locust).**—A rapid growing tree with spreading branches; a valuable timber tree; lumber used for various mechanical purposes; flowers white, appearing in spring; height 70 feet. Oz. 10c; lb. 75c.

### Palms and Dracaena

**Areca Lutescens.**—Native of the Mascareen Islands. One of the most graceful and beautiful palms in cultivation; the foliage is of a bright glossy green, with rich golden stems; adapted only to greenhouse or house culture. 10 seeds 25c; 100 seeds \$2.00.

**Chamaerops Excelsa (Windmill Palm).**—Native of China and Japan. Leaves fan-shaped, deeply cut. This is the hardest Palm we have, and although it is not such a rapid grower as some, it makes a fine lawn Palm and an excellent sidewalk Palm; height 20 feet. Oz. 10c; lb. \$1.00.

**Corypha Australia (Australia).**—One of the handsomest of the Fan Palms; the fan-like leaves are dark green, supported upon brown petioles, which are armed at their edges with stout spines; hardy in Southern California. 10 seeds 10c; 100 seeds \$1.00.

**Erythea Armata (Blue Palm).**—Native of Lower California. One of the most exquisite Fan Palms and very hardy; a pretty Palm especially suited to small gardens. 10 seeds 20c; 100 seeds \$1.50.



Palm Erythea Edulis



## Seeds of Evergreen Trees and Shrubs—Continued

**Erythea Edulis** (Guadalupe Island Palm).—Resembles the California Fan Palm somewhat, but the stems are much larger and more graceful. The leaves are without filaments; deep green, readily distinguished from that variety; perfectly hardy.

**Phoenix Canariensis** (Canary Island Palm).—The most graceful and the handsomest of our hardy Palms; leaves pinnate and of a deep, dark green color; one of the most effective Palms on a lawn and worthy of the attention of all admirers of the Palm family. 10 seeds 10c; 100 seeds 50c.

**Phoenix Reclinata** (Dwarf Date Palm).—Native of South America. Very graceful, drooping leaves; very handsome for avenue or lawn use. Makes a good pot plant. 10 seeds 10c; 100 seeds \$1.00.

**Seaforthia Elegans**.—One of the most beautiful and one of the best in cultivation for the conservatory or greenhouse; perfectly hardy in Southern California. 10 seeds 10c; 100 seeds 75c.

**Washingtonia Filifera**.—The well-known California Fan Palm, which first originated in San Bernardino county; may be seen throughout all Southern California. Attains a height of 60 to 80 feet; always a large bunch of leaves hanging close to the trunk. Oz. 10c; lb. \$1.00.

**Washingtonia Robusta**.—This is a very distinct type from the preceding, although the leaves have the same shape and drooping tendency. They are much greener, the white filaments are not so numerous, and the trunk is very slender. It attains a height of 100 feet. Oz. 15c; lb. \$2.00.

**Dracaena Australis**.—A palm-like tree with a stout branched stem from 15 to 20 feet in height, with flag-like leaves 2 to 3 feet long. Pkt. 10c; oz. 50c.

**Dracaena Indivisa**.—A more rapid grower than the preceding, with long, narrow leaves; fine for hall and porch decoration.



Palm Washington Robusto

## Nursery Department



WING to the lack of facilities for carrying on this department and the necessary inconvenience to our customers and ourselves, we have discontinued this branch of our business so far as to carrying a full line of all varieties of trees and plants, but we solicit your orders for all kind of Berry Vines and Plants. These orders will have our prompt and personal attention. Write for prices on large or small quantities.

¶ Write us also for prices and information on all kinds of Fruit and Ornamental Trees, Grape Vines, Roses or Bedding Plants. We will have all orders filled by reliable growers.

## Number of Trees or Plants to an Acre

Distance apart	No. Plants	Distance apart	No. Plants
3 ft. by 1 ft.....	14,520	12 ft. by 12 ft.....	302
3 ft. by 2 ft.....	7,260	14 ft. by 14 ft.....	222
3 ft. by 3 ft.....	4,840	15 ft. by 15 ft.....	193
4 ft. by 1 ft.....	10,890	16 ft. by 16 ft.....	170
4 ft. by 2 ft.....	5,445	18 ft. by 18 ft.....	134
4 ft. by 3 ft.....	3,630	20 ft. by 20 ft.....	108
5 ft. by 5 ft.....	1,742	25 ft. by 25 ft.....	69
6 ft. by 6 ft.....	1,200	30 ft. by 30 ft.....	48
8 ft. by 8 ft.....	680	33 ft. by 33 ft.....	40
10 ft. by 10 ft.....	435	40 ft. by 40 ft.....	27

**Rule.**—Multiply the distance in feet between the rows, by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill; which divided into the number of square feet (43560) will give the number of plants to the acre.

## Useful Tables for the Farmer and Planter

Quantity of seed required to produce a given number of plants, or to sow a given quantity of ground.

Artichoke.....	1 oz. to 50 plants	Melon, Water.....	1 oz. to 30 hills
Asparagus.....	1 oz. to 50 plants	Melon, Musk.....	1 oz. to 100 hills
Beans, Dwarf.....	1 lb. to 50 ft. of drill	Okra.....	1 oz. to 50 ft. of drill
Beans, Tall.....	1 lb. to 75 hills	Onion Seed.....	1 oz. to 100 ft. of drill
Beet.....	1 oz. to 50 ft. of drill	Onion, Top Sets.....	1 lb. to 60 ft. of row
Broccoli.....	1 oz. to 2,000 plants	Onion, Bottom Sets.....	1 lb. to 75 ft. of row
Brussels Sprouts.....	1 oz. to 2,000 plants	Parsnip.....	1 oz. to 100 ft. of drill
Cabbage.....	1 oz. to 2,000 plants	Parsley.....	1 oz. to 100 ft. of drill
Carrot.....	1 oz. to 150 ft. of drill	Peas.....	1 lb. to 50 ft. of drill
Cauliflower.....	1 oz. to 2,000 plants	Pepper.....	1 oz. to 1,000 plants
Celery.....	1 oz. to 5,000 plants	Pumpkin.....	1 oz. to 25 hills
Chicory.....	1 oz. to 100 ft. of drill	Radish.....	1 oz. to 50 ft. of drill
Corn.....	1 lb. to 150 hills	Salsify.....	1 oz. to 50 ft. of drill
Cress.....	1 oz. to 150 ft. of drill	Sage.....	1 oz. to 100 ft. of drill
Cucumber.....	1 oz. to 100 hills	Spinach.....	1 oz. to 50 ft. of drill
Eggplant.....	1 oz. to 2,000 plants	Squash, Early.....	1 oz. to 50 hills
Endive.....	1 oz. to 3,000 plants	Squash, Winter.....	1 oz. to 15 hills
Kale.....	1 oz. to 2,000 plants	Tomato.....	1 oz. to 3,000 plants
Kohlrabi.....	1 oz. to 2,000 plants	Tobacco.....	1 oz. to 10,000 plants
Leek.....	1 oz. to 100 ft. of drill	Turnip, Early.....	1 oz. to 75 ft. of drill
Lettuce.....	1 oz. to 5,000 plants	Turnip, Rutabaga.....	1 oz. to 100 ft. of drill

## Seed Required to Sow an Acre of Ground

	Lbs. to the acre		Lbs. to the acre
Alfalfa.....	22	Beans—Dwarf or Bush—drills.....	70
Barley—broadcast.....	100	Beet, Garden.....	6
Beans, Dwarf, or Bush—hills.....	50	Beet, Sugar.....	6
Beet, Mangel Wurzel.....	6	Peas—drills.....	50 to 80
Broom Corn—drills.....	12	Potatoes—hills.....	500 to 600
Buckwheat—broadcast.....	45	Pumpkin—hills.....	3
Cabbage—in beds to cover an acre after transplanting.....	½	Radish—drills.....	12
Carrot—drills.....	3	Rye—broadcast.....	100
Corn, Sweet or Field—hills.....	15	Spinach—drills.....	20
Cucumber—hills.....	1 to 2	Squash, Bush Varieties—hills.....	4
Grass, Italian Rye.....	30	Squash, Running Varieties—hills.....	3
Millet.....	25	Tomato—in beds to transplant.....	1-8
Oats—broadcast.....	100	Turnip and Rutabaga—drills.....	2
Onions, for Dry Bulbs—drills.....	3	Turnip and Rutabaga—broadcast.....	3 to 4
Parsnips—drills.....	5	Vetches—broadcast.....	75
		Wheat—drills.....	75

### OUR LAWN GRASS SEED—Sow One Pound to the Square Rod

We give particular attention to the quality of our Lawn Grass Seed. Our Kentucky Blue Grass and our White Clover is always tested thoroughly before purchasing. The result is that gardeners will have no other, knowing they will not be disappointed.



## Agricultural Books

	Price.	Postpaid.
Asparagus, by Hexamer .....	\$ .50	\$ .60
Alfalfa, by Coburn .....	.50	.60
The Book of Alfalfa, by Coburn .....	2.00	2.20
A B C of Agriculture, by Weld .....	.35	.40
Bean Culture, by Sevey .....	.50	.60
Cabbage and Cauliflower, by Allen .....	.50	.60
Celery Culture, by Beattie .....	.50	.60
Celery for Profit, by Greiner .....	.50	.55
Chrysanthemum, by Herrington .....	.50	.60
California Fruit and How to Grow It, by Wickson .....	3.00	3.20
California Vegetables, by Wickson .....	2.00	2.15
Farm Grasses of the U. S., by Spillman .....	1.00	1.10
Forage Crops, by Shaw .....	1.00	1.10
Flax Culture .....	.30	.35
Ginseng, by M. G. Kains .....	.50	.60
Gardening in California, by Lyon .....	1.00	1.10
Gregory on Fertilizers .....	.25	.30
Insects and Insecticides, by Weed .....	1.50	1.65
Injurious Insects, by Sempers .....	.40	.50
Irrigation for the Farm, Garden and Orchard, by Stewart .....	1.00	1.10
Irrigation, by Wilcox .....	2.00	2.20
1905 Manual of Soil Culture, or Dry Farming, by Campbell .....	.50	.55
1907 Manual of Soil Culture, or Dry Farming, by Campbell .....	2.50	2.60
Mushrooms: How to Grow Them, by Falconer .....	1.00	1.10
Onion Culture .....	.20	.25
New Onion Culture, by Griener .....	.50	.60
Peanut Culture, by B. W. Jones .....	.50	.55
Potatoes for Profit, by Van Ormer .....	.20	.25
Rhubarb Culture, by J. W. Morse .....	.50	.60
Strawberry Culture, by A. S. Fuller .....	.25	.30
Sweet Potato Culture, by Fitz .....	.50	.60
Soils, by Burkett .....	1.25	1.40
Spraying Crops, by Weed .....	.50	.60
Tomato, by Tracy .....	.50	.60
Tomato Culture, by Root .....	.30	.35
Talks on Manures, by Harris .....	1.50	1.60
Hand-Book of Tree Planting .....	.75	.85

## Literature for Poultrymen

	Price.	Postpaid.
American Standard Perfection (1911) .....	\$1.50	\$1.60
Artificial Incubation and Brooding .....	.50	.60
American Canary and Small Bird Fancier .....	.50	.60
Barred White Buff Plymouth Rocks .....	.50	.60
Broilers for Profit .....	.50	.60
Bantam Fowl .....	.50	.55
Capons for Profit .....	.50	.60
Diseases of Poultry .....	.50	.60
Duck Culture (By Rankin) .....	.50	.60
Duck and Geese .....	.75	.85
Felch Poultry Culture .....	1.50	1.60
Leghorns, Brown, White and Buff .....	.50	.60
Money in Squabs and Broilers .....	.50	.60
National Standard Squab .....	.40	.45
Poultry Houses and Fixtures .....	.50	.60
Poultry Architect .....	.50	.60
Poultry Remedies .....	.25	.30
Profitable Poultry Farming .....	.25	.30
Successful Poultry Keeper .....	1.00	1.10
The New Egg Farm .....	1.00	1.15
Turkeys, All Varieties .....	.50	.60
Two Hundred Eggs Per Year, How to Get Them .....	.50	.60
The Wyandottes .....	1.00	1.10
Wright's Poultry Book .....	2.00	2.15
Western Poultry Book .....	1.00	1.10
500 Questions and Answers .....	.25	.30

## Insecticides for the Vegetable Garden

Plant	Injury	Cause	Name	Remedy or Preventive
Asparagus	Shoots eaten	Beetle and Grub	Asparagus beetle'	Poison grubs (Use Paris Green)
Asparagus	Shoots rusted	Rust	Asparagus rust	Bordeaux
Bean	Leaves eaten	Grub	Bean beetle	Tobaccotine
Bean	Leaves and pods spotted	Plant Disease	Anthraxnose	Bordeaux
Beet	Leaves spotted	Plant Disease	Leaf-Spot	Bordeaux
Cabbage	Leaves lousy	Plant Lice	Cabbage Aphis	Tobaccotine
Celery	Yellowish-spotted leaves	Fungus	Celery Blight	Bordeaux
Cucumber	Gnawed leaves	Black and yellow beetle	Striped-Cucumber Beetle	Poisoned Bordeaux
Cucumber	Lousy tips	Aphis	Aphis	Tobaccotine
Cucumber	Mildewed leaves	Fungus	Downy mildew	Bordeaux
Potato	Black leaves	Plant Disease	Potato Blight	Bordeaux
Potato	Scabby potatoes	Plant Disease	Potato scab	Corrosive sublimate solution
Squash	Mildew leaves	Fungus	Mildew	Bordeaux
Squash	Lousy tips	Plant Lice	Aphis	Tobaccotine
Tomato	Black leaves	Plant Disease	Tomato blight	Bordeaux

## Insecticides

**Nicoteen (Liquid).**—An extract of tobacco, containing about 40 per cent nicotine. A most effectual, economical and safe remedy for fumigating greenhouses. Use a scant teaspoonful to 1½ pints of water for each pan, which is sufficient, when vaporized, by placing a hot iron in it, for 600 square feet of floor space. **Price, pint bottle, \$1.50.**

**Kerosene Emulsion (Liquid).**—Prepared according to the most improved formulae; ready for use by simply adding water (25 to 50 parts water to one of Emulsion) for Cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly, and lice of all kinds, all sucking insects, either on plants or animals. **Price, per gallon, 50c.**

**Tobaccotine (Liquid)** is the best spray for aphid on cabbage, peas, or vines, or whenever they may be found, also a preventive of mildew when sulphur is used with it. One quart of Tobaccotine is diluted to twenty gallons of water. Printed directions go with each bottle. **Price, including sulphur, ½ pt. 55c; 1 pt. 85c; 1 qt. \$1.15.** Write for quantity price.

**Bordeaux Mixture (Powder).**—The great preventive of mildew wherever it may appear. Sure preventive of blight on tomatoes, potatoes and celery. It is death to any fungus growth. It is a sure preventive, but do not expect it to eradicate where once the disease is established. One quart diluted to twelve gallons. **Price, 1 qt. can 50c.**

**Whale Oil Soap.**—One of the best insecticides to use against insects that eat the foliage, and where it is dangerous to use poison. It is also proof against mildew. One-fourth pound diluted to two and one-half gallons. **Price, ¼ lb. 10c; ½ lb. 20c; 1 lb. 35c, by mail 10c lb. extra.**

**Paris Green (Powder).**—Sure death to all insects that eat the foliage. One ounce to five gallons water well mixed. **Price, ½ lb. box 25c.**

**Bug Death (Powder).**—Apply to roses and all plants attacked by slugs. It is sure death to cut-worms, etc. **Price, 1 lb. 20c; by mail 30c.**

**A. & M. Ant Powder.**—This is guaranteed to drive ants out of your garden or plant beds; particularly effective in large Eucalyptus seed beds, and absolutely harmless to the young plant. For hot beds we give it special recommendation. It will eradicate all insects. **Price, 20c; by mail 30c.**

**A. & M. Aphis Powder.**—Sure destruction to cabbage aphid and to the cucumber beetle. **Price, 1 lb. box 25c.**

**Notice.**—Liquids can not be sent by mail. Please do not request it.



# GOPHERGO

**KILLS GOPHERS**



**FOR SALE BY**

## Gophergo

**Gophergo.**—Is sure to kill, easy to use, cheap, and will kill ten gophers where traps and other devices get one. All experienced gopher fighters find poisoning the best method, but it must combine three points: Something that they will eat, it must be thoroughly poisoned, must be placed where they will get it. Gophergo does it. Try it. It is sold in cans, 25c, 50c, \$1.00 and \$2.50. The large can will kill 800 to 1000 gophers.

## Mole Trap

**Mole Trap.**—It is the best that has been patented. If properly placed over the runway it is sure to catch the mole, no matter which direction he travels. Louie Dick, a Chinaman, reported five moles the first week he had it. He says it has never failed to catch. Price, 75c; by mail \$1.05.

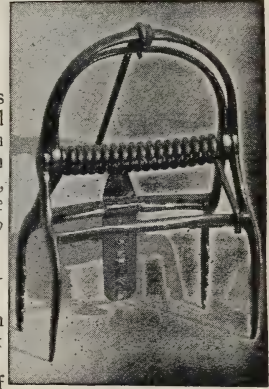
From Mrs. M. E. Edrington, Lompoc, Cal.:

"I wish to say I am very much pleased with the mole trap; caught six moles the first week."

**Gopher Smoker.**—Price \$10.00. If interested ask for special circular describing it.



**Macabee**



**Mole Trap**

## Gopher Trap

**Macabee Gopher Trap.**—This is the most convenient Gopher trap yet put on the market. It is easy to set and being small, it can be extended far down into the hole. You never fail to get your gopher when two traps are set in opposite directions in the main run. Price 20c; by mail 30c.

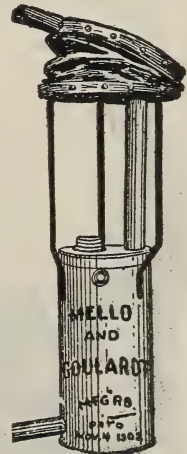
**Box Trap.**—Price 25c.

## Squirrel Exterminator

**Eureka Squirrel Exterminator.**—With the use of Carbon Bi-Sulphide this is the best and cheapest implement with which to eradicate the squirrel and gopher pests on your land. We can confidently recommend the use of this machine in vineyards, orchards, grain fields, pasture lands, etc. It is of simple construction, best galvanized sheet steel with a bellows attached. The working of the bellows causes the Bi-Sulphide in the machine to generate a gas which is forced through the hole or holes, not forcing in any liquid, but simply a gas from the Bi-Sulphide, thus saving 75 per cent of the Carbon Bi-Sulphide bill over the old way of saturating balls of old rags or cotton. A colony of squirrels can soon destroy fifty dollars' worth of vegetation. Six dollars expended for this Exterminator will destroy all the squirrels or gophers about your place. Price, \$6.00. Weight crated 12 lbs.

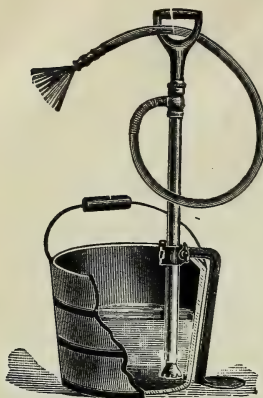
**Snap Shut Gopher Trap.**—Catches them after all others have failed. Try it. Price, 50c, by express 75c.

We have other traps not listed here. Ask for any kind you want; we will get it for you.



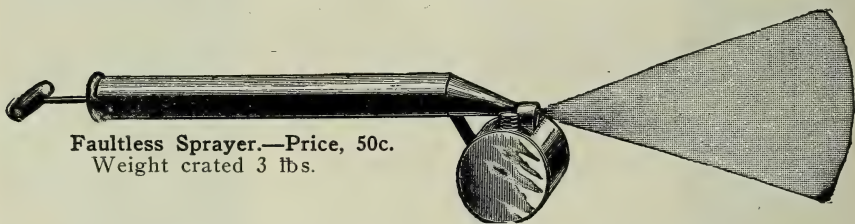
**Eureka Squirrel Exterminators**

## Prize Spray Pump



**Prize Spray Pump**  
Weight crated 7 lbs.

**Prize Spray Pump.**—A pump that will spray whitewash or any other mixture. Made of solid brass, no leather valves to wear out or be eaten up by the whitewash. Throws a continuous stream and is so simple that a child can take it apart. The Pump shown on this page is almost entirely of the best grade of brass, hence it cannot be affected by the action of the whitewash or of any ordinary spraying solution. It should be borne in mind, when purchasing an outfit for this kind of work, that a good Pump, while costing a trifle more at the start, will outlast at least a half-dozen of the cheap tin atomizers now so common, will give better service during the process, and may be used for various spraying purposes where a "pop-gun" of the other class—made to sell—would be useless. Fitted with a Bordeaux nozzle. Price, each \$5.00.



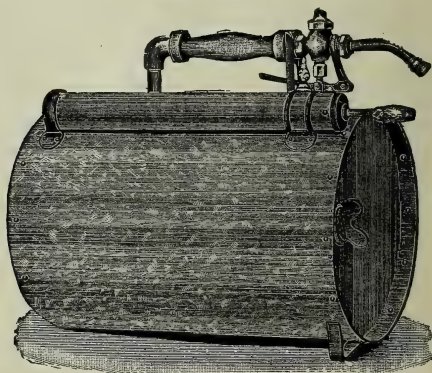
**Faultless Sprayer.**—Price, 50c.  
Weight crated 3 lbs.

**Lowell Compressed Air Sprayer.**—No back-breaking; no shirking the work. It is done too easily. No waste of liquid, the automatic valve is always closed except when touched lightly with the index finger. Holds five gallons. Fill two-thirds with liquid and pump air into it with all the pressure you can control. It is then ready to operate. There is a rubber extension to reach low and high plants, also a curved rod extension that a man standing can spray the under side of the leaves of small plants. This is absolutely the best Sprayer yet offered. Price, without curved rod extension, \$6.00. Price of curved extension, \$1.00. Weight crated 20 lbs.

**Bordeaux Nozzle.**—Price \$1.00.  
For Bordeaux Mixture and Whitewash.  
It cleans itself.



**Lowell Sprayer in Operation**



**Lowell Compressed Air Sprayer**

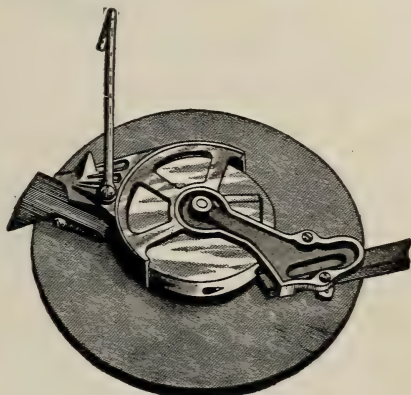


## Farm and Garden Tools

**Eureka Seed Drill.**—A garden Seed Drill that will distribute beet, cabbage, celery, carrot, lettuce, radish, turnip, and all similar seeds with perfect regularity. It is utterly impossible for it to sow any way but accurately, doing the work as thoroughly as the most costly machines, and will cover ten times the ground that can possibly be covered by hand. It is simple in construction, so easily understood that a child can be taught to use it. Price \$1.25; by mail, postpaid, \$1.65.



**Canoon Seeder**  
Weight Crated 8 lbs.



**Eureka Seed Drill**

**Cahoon Seed Sower.**—The standard Sower, acknowledged to be superior to all other hand Sowers. Gives perfect satisfaction and can be used for sowing alfalfa and all grains broadcast. Sows from four to eight acres per hour at a common walking gait. A saving of four-fifths of the labor and one-third of the seed by its use. A person entirely unaccustomed to sowing by hand can use this machine with perfect success. Price \$3.50.



**Pennsylvania Fruit Picker**

**Segment Corn and Bean Planter.**—The handsomest, lightest, most accurate, strongest, cheapest and most up-to-date Planter on the market. Never cracks a kernel nor skips a hill. It is always in position, never makes wrong move. Many gardeners are using this for their replanting. (See picture. Price \$1.50.



Ask for anything you may want pertaining to garden Segment-Corn Planter tools, we probably have it, although not listed.

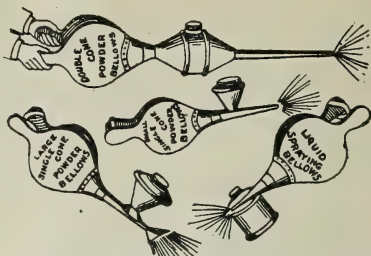
**The Pennsylvania Fruit Picker.**—No ranch is completely equipped without this valuable tool. It is always the choicest fruit that cannot be reached from the ladder; you do not wish to knock it down with a club as the fall would bruise it. Use the Fruit Picker and the fruit is caught in the pocket prepared for it. Every ranch that has half a dozen or more fruit or walnut trees should have one or more Pennsylvania Fruit Pickers. Price, 50c; by mail 65c.



**Powder Blower.**—Price 25c; by mail 30c.



**Sulphur Duster.**—Price 60c.



**Powder Bellows.**—Small size, 60c; large size, \$1.50.

## Lawn Sprinklers

We have almost every kind of Sprinkler that has ever been offered the public. Among them we have one that we especially recommend; it throws a square spray. This is particularly desirable in gardens and on city lawns, to avoid sprinkling the sidewalk. The price of this desirable Sprinkler is only 65c by mail.

**Twin Sprinkler.**—Price 45c postpaid.

**Black Hawk Corn Sheller.**—Shells easily and rapidly separates the cob from the corn. We give it special recommendation to poultry men. Price, \$2.00.

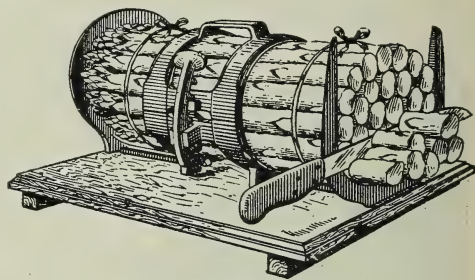
**Asparagus Buncher.**—No. 1, 3 in. to 3¼ in. bunches; No. 2, 4 in. to 5 in. bunches. Length can be regulated from 7½ in. to 12 in. Price, No. 1, \$2.50; No. 2, \$2.75.

**Asparagus Moss.**—We always have on hand a large supply of moss for Asparagus Shippers. Price on application.

**Asparagus Tape** for tying bunches. —While we offer tape for this purpose, we recommend the use of Raffia as being more sanitary, cheaper and better than tape. The large growers along the Sacramento river use Raffia exclusively. One pound is equal to 700 yards of tape. Price, 1 lb. 20c; 10 lbs. \$1.75. For large quantities write for price.



**Lawn Sprinkler**



**Asparagus Buncher**

**Havil Lawn Weeder.**—Pulls weeds, roots and all. No sore knuckles. Price 35c. by mail. 45c.



**Asparagus Knife.**—Price 50c, by mail, 65c.



**Havil Lawn Weeder.**—35c each.



**Vine Pruner.**—Just the tool to trim blackberry, raspberry, dewberry and Loganberry vines. No scratched hands. You cannot do the work well without this tool. Price, \$1.00.

**Transplanting Trowel.**—The best tool yet made for transplanting. No blistered hands. Price 50c, by mail 65c.

We have enumerated only a few of the specialties we carry. We have always on hand a full line of Garden Tools of every description, and for every conceivable purpose. Ask for anything you may want in this line. We have it.



## Planet Jr. Garden Tools

Space will not permit a detailed description of all the garden tools we offer, but a short reference to each will suffice to let you know what we have, and if interested, please write for special circular or detailed description of what you want.

### No. 14 Planet Jr. Double Wheel Disc Hoe

Price, with Attachments, as  
in cut, \$9.00.  
Weight, 38 lbs.  
Cultivator and Plow



No. 14

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil tempered discs on each side.

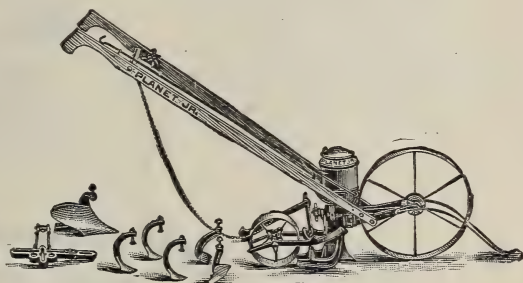
The set of prong cultivator teeth are constructed on entirely new lines, and will be found invaluable in general cultivation.

The plows are the regular Planet Jr. model and are continually valuable for furrowing, covering and plowing.

No. 6 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow  
Price, Complete, \$14.50. Weight, packed, 64 lbs. As a Seeder Only, \$12.00. As a  
Wheel Hoe only (No. 36) \$7.00. Holds over 2 Quarts of Seed.

This is our latest Combined Hill and Drill Seeder and Wheel Hoe, and after three years' gratifying use in the field, every detail has been perfected.

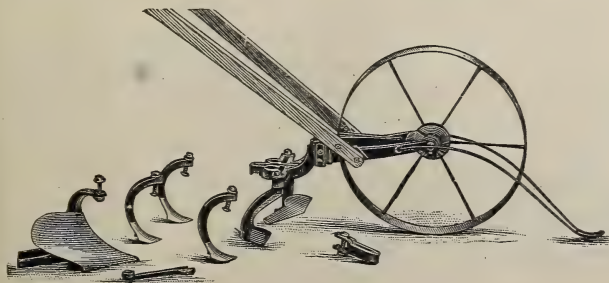
**What It Will Do**—It drops all garden seeds in hills and sows in drills, with the greatest regularity, in a narrow line, to any exact depth required, covers, rolls down and marks the next row, all at one passage. As a wheel hoe, it hoes, cultivates and plows all garden crops, completing a row at every passage, up to 16 inches in width.



No. 6

No. 36 Planet Jr. Single Wheel Hoe, Cultivator and Plow  
Weight, packed, 33 lbs.

Price, Complete, \$7.00

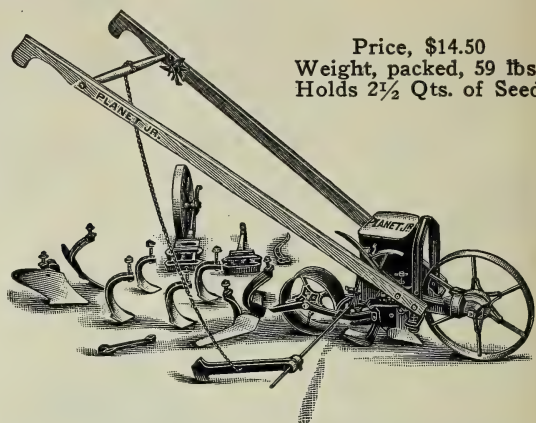


No. 36

The whole combination is the best and most useful we have ever offered. We advise buying the machine complete, as there is a considerable saving by doing so, but we sell the Seeder and the Wheel Hoe separately if desired. The extra attachments will also fit the No. 6 machine complete with the No. 36 Wheel Hoe.

## PLANET JR.—Continued

**Planet Jr. No. 25,** Combined Hill and Drill Seeder and Double Wheel Hoe and Cultivator and plow. **Price, \$14.50.** Weight packed, 59 lbs.



Price, \$14.50  
Weight, packed, 59 lbs.  
Holds  $2\frac{1}{2}$  Qts. of Seed

No. 25

**No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow**

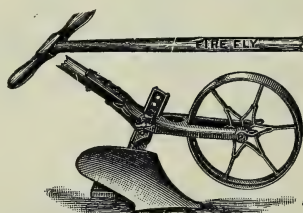
This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow. As a Seeder the No. 4 is accurate, simple, durable, reliable and easy running, doing first-class work in every particular.



Price, complete, \$12.00  
Weight, 47 lbs.

As a Seeder only, \$10.00  
Holds  $2\frac{1}{2}$  Quarts of Seed

No. 4



Fire Fly

**Planet Jr. Firefly.**—1 plow only. Price \$2.50. Weight 30 lbs.



Single Wheel Diamond Cultivator

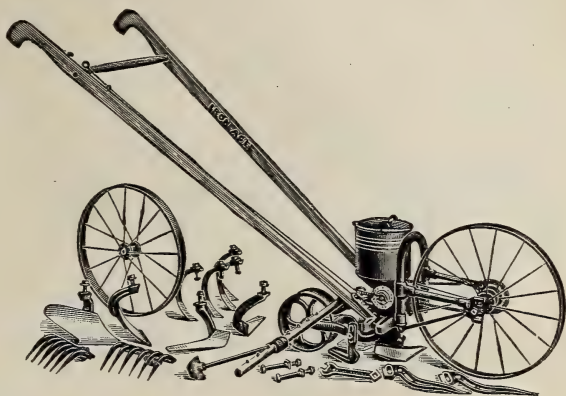
**Diamond Five-Tooth Garden Cultivator.**—Plow, hoe and weeder combined. The most complete hand tool made; and the only single wheel hand cultivator having five teeth. Simple, strong and very light in weight. Strawberry growers pronounce this the most satisfactory Cultivator for that work. Price, complete with all attachments, \$5.00.



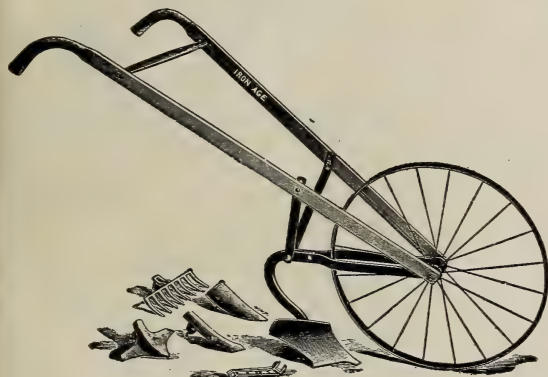
## Iron Age Garden Implements

The Iron Age Cultivators are very popular because of the large wheel, which has made it easier to work. It is well made and gives perfect satisfaction wherever used.

**No. 6**—Combined in this tool are three distinct and thoroughly practical implements, a Hill and Drill Seeder, a Double Wheel Hoe and a Single Wheel Hoe. As a Hill and Drill Seeder Packed weight, 57 pounds. Price \$13.00.



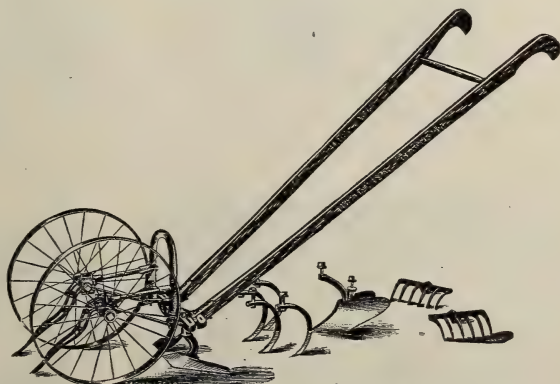
**No. 6**



**No. 19 "Iron Age" Wheel Plow and Cultivator**  
Packed Weight, 22 pounds—Price \$4.00

**No. 19**—To meet a demand coming from some sections for a Weed Plow and Cultivator equipped with a higher wheel than anything we have previously offered, we designed our No. 19 "Iron Age" Wheel Plow and Cultivator. In doing so it will be noticed we have kept in mind those excellent features which have made our whole line of "Iron Age" Garden Implements so popular, viz., lightness combined with strength.

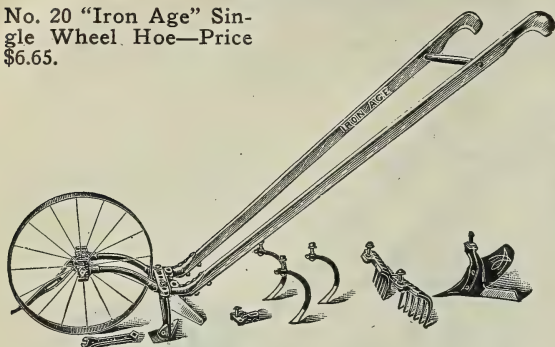
**No. 1**—The change from a Seed Drill to a Double or Single Wheel Hoe is quickly made. The photograph shows the Double Wheel Hoe with side hoes applied.



**No. 1 "Iron Age" Double and Single Wheel Hoe**  
Price \$8.00

## IRON AGE GARDEN IMPLEMENTS—Continued

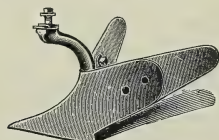
No. 20 "Iron Age" Single Wheel Hoe—Price \$6.65.



No. 20—All necessary working tools for accomplishing a great variety of work are furnished, such as side hoes, cultivator teeth, rakes and landside plow, as shown below in Fig. 145.

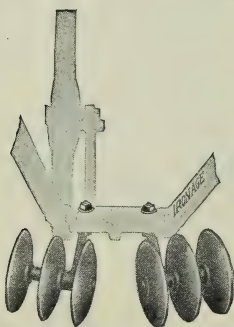
No. 184.—Fertilizer Attachment as a Side Dresser. Will fit on Nos. 1 and 20 frames. Price \$4.75.

No. 235.—Fertilizer Attachment as a Drill. Will fit on Nos. 1 and 20 frames. Price \$5.25.



No. 170 Double Moleboard Plow

No. 170—Double Moleboard Plow. Will fit on Nos. 1 and 20 frames. Price \$1.55.



No. 365—Disk Attachment

No. 365.—Disk Attachment. Will fit on Nos. 1 and 20 frames. Price complete \$2.25.

No. 169.—Disk Fenders for protecting small plants when cultivating. Price \$1.25. It cuts the crust, preventing the shovels from tearing up the plant.

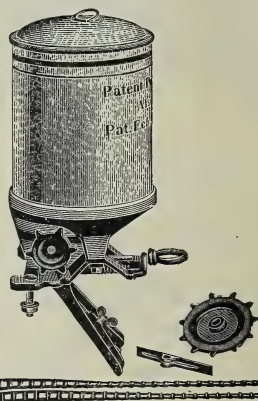
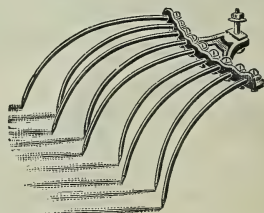


Fig. 184

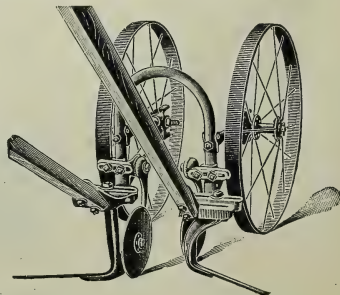
No. 25—"Iron Age" Fertilizer Distributor Attachment.



No. 84—Weeder and Mulcher

No. 84.—Weeder and Mulcher for No. 20 frame. Price 90c.

No. 81.—Weeder and Mulcher for No. 1 frame (not shown). Price \$1.25.



No. 169 Disk Fenders



## Green House and Garden Specialties

Flower Pots.—2 in. 20c doz.; 3 in. 30c. doz.; 4 in. 45c doz.; 5 in. 60c doz.; 6 in. 75c doz.; 7 in. \$1.00 doz.; 8 in. \$1.25 doz.

Hanging Baskets (Clay).—7 in. 15c each; 8 in. 25c; 10 in. 50c; 12 in. 65c; 14 in. \$1.50.

Wire Hanging Baskets.—10 in. 25c; 12 in. 35c; 14 in. 45c.

Wire Wall Pockets.—10 in. 35c; 12 in. 45c; 14 in. 65c.

Pot Labels.—Per 100 25c; per 1000 \$1.25. (Prices given on different sizes).

Trowels.—All steel 50c; medium grade 25c; cheap 10c.

Green Moss.—Per lb. 15c; 10 lbs. \$1.00; 100 lbs. \$6.00

Spagnum Moss.—Per bale \$1.75.

Sprinkling Cans.—2 qts. 30c; 4 qts. 35c; 6 qts. 50c; 8 qts. 60c; 10 qts. 70c; 16 qts. \$1.00.

Grafting Wax.—Per lb. ??

Budding Twine.—Per ball 15c.

Budding Cloth.—Per yard 40c.

Hoes.—Each, from 25c to 75c.

Rakes.—From 50c to 85c.

Spades.—From 45c to \$1.25.

Spading Forks.—Long handle.

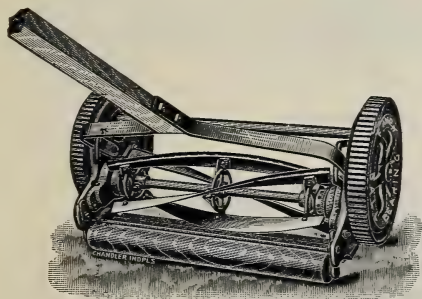
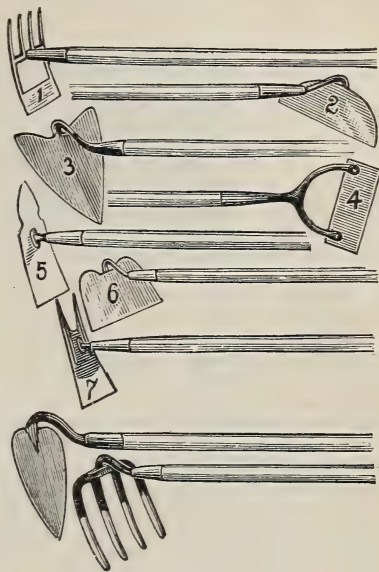
Balling Spades.—\$1.75.

Ladies' Garden Sets.—Made of best material. Per set \$1.25.

Axes.—Best hand forged axe at \$1.20 each.

Axe Handles.—Best quality 20c.

And many other articles too numerous to mention.



Lawn Mowers.—Prices \$2.50 to \$15.00. Write for particulars.

Lawn Rakes.—Price 75c.

Lawn Rollers.—300 lb. \$18.50; 225 lb. \$15.

Hedge Shears.—From \$1.50 to \$3.00.

Grass Edgers.—75c and \$1.00.

Grass Shears.—25c, 50c, 75c.

Pruning Shears.—Prices ranging from 50c to \$4.00.

Pruning Saws.—All kinds and prices.

Hose.—Both  $\frac{1}{2}$  and  $\frac{3}{4}$  in. Prices from 10c to 22c foot.

Hose Menders.—Wooden 1c each; wire  $2\frac{1}{2}$ c each.

Hose Couplings.—For  $\frac{1}{2}$  or  $\frac{3}{4}$  hose, 20c set.

Lawn Sprinklers.—From 25c to \$2.00.

Lawn Fertilizers.—Bradley's.—Specially prepared for lawns, \$2.50 per hundred.

Garden Hose.—Write for description and prices. . . . .



# POULTRY SUPPLIES

INCLUDING THE CELEBRATED

## Petaluma Incubator and Brooders

In the following pages will be found descriptions and prices of our full line of Superior Poultry, Pigeon, Pet Stock and Dog Supplies. By Superior we mean the BEST manufactured—the BEST known.

We sell the best of everything for Poultrymen, Pigeon, Pet Stock breeders—Incubators, Brooders, Poultry, Pigeon and Pet Stock Books, Scientifically Mixed Foods, Grit, Shells, Bone Cutters, Mills, Insecticides, Poultry, Pigeon, Pet Stock Remedies, etc. With years of experience back of us, and a wide personal acquaintance, we are able to select articles conceded by practical, successful fanciers and breeders to be the best.

Only goods of known merit, which have been tested by practical use and endorsed by experience, have been listed in this catalogue. We guarantee them to be the best. Invariably the higher prices bring the better goods. Everywhere, and in every line, quality commands a market. Lower prices mean less value, for no manufacturer sells his goods at a loss. Our sincere advice is: "Buy the best that is offered—the Superior article—it is in the end the cheapest." It is our aim to handle everything for the poultry yard from the cheapest that is good to the best that is made.

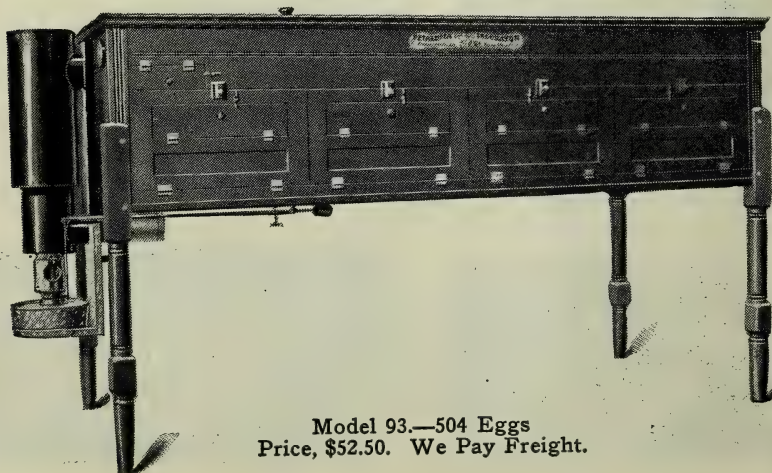
No poultry supply house carries a larger nor a more varied stock of supplies calculated to meet every want of an advanced poultry culture, than is to be found in our stores. Long experience with the needs and requirements of poultry in Southern California and the Southwest generally, has placed us in a position to carry only the incubators and brooders, implements and tools, feeds and tonics, remedies and lice killers, poultry books, as well as all the smaller requisites that go to the equipment of a modern poultry plant. All our goods are fresh and reliable, and guaranteed to be just as represented.

We invite correspondence from out of town and will cheerfully quote you prices on anything you may want in this line. Let us hear from you before buying elsewhere. A trial order is solicited.

Yours to please,

## AGGELER & MUSSER SEED CO.

### Petaluma Incubators



Model 93.—504 Eggs  
Price, \$52.50. We Pay Freight.



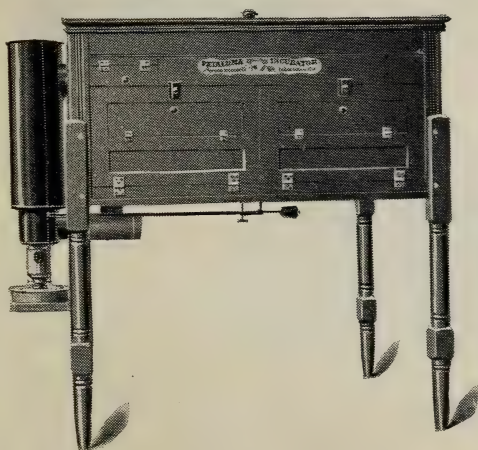
## PETALUMA INCUBATORS (Continued)

Models 93, 92, 91, 90 and 89 are operated by our "SLEEVE SYSTEM" of turning the flame of lamp up or down, thus controlling the temperature.

Models 93½, 92½, 91½, 90½ and 89½ are the same in every way as the full numbers except that the temperature is controlled by the regulator opening or closing a valve or damper on top of the heater.



Model 92.—378 Eggs. Price, \$40.00. We Pay Freight.



Model 91.—252 Eggs  
Price, \$30.00. We Pay Freight.

The New Models of "PETALUMA" INCUBATORS shown in this catalog are the culmination of over thirty years experience in Incubator building after studying and knowing the conditions necessary to successful incubation in all parts of the world. These new Models embody every good feature in artificial incubation, characteristic of "PETALUMA" INCUBATORS which has made them the "Standard of the World." A great many of the most valuable ideas that have ever been incorporated in Incubator construction are to be found in "PETALUMA" INCUBATORS, among which are the following:

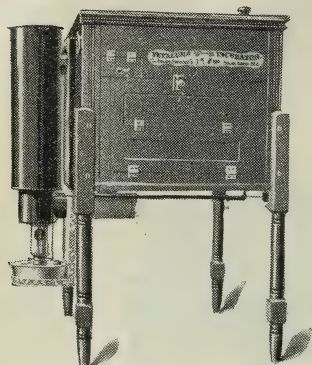
The AIR FILTER through which the fresh air is admitted to the heater, the entrance to which is some distance away from the lamp, therefore there is no possibility of any odors of the lamp entering the egg chamber.

The HEATER is built in such a manner that the copper portion with which the heat of the lamp comes in

contact has been pronounced by mechanical experts and engineers on heating and ventilation a perfect piece of constructive work in metal. The costly tools for making this, which are the invention of the Petaluma Incubator Co., are the only tools of this kind in existence.

There must be a BEST in everything, whether it is an automobile, carriage, suit of clothes, or anything else. "PETALUMA" INCUBATORS and BROODERS stand for the BEST in every way in Incubator and Brooder construction. The fact that there is a "BEST" explains why Petaluma Incubators and Brooders are worth more than others. When there is a "BEST" it follows there are some not so good and naturally that explains why some are sold at such low prices, just as a shoddy suit of clothes is cheap compared to a high-class, well-made suit.

## PETALUMA INCUBATORS (Continued)



Model 90.—126 Eggs.

Price, \$22.00. We Pay Freight.

The circulation of air through the Air Filter, Egg Chamber, Air Strainer, Subway or space between the floors, Air Channels in the ends of Incubator, and the Adjustable Ventilation Caps, is thoroughly under the control of the operator as it also the moisture, in fact there are so many good features in these New Models than any person can readily comprehend the exceptional value to be found in "PETALUMA" INCUBATORS.

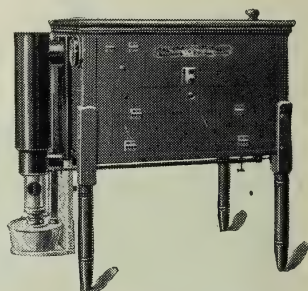
"PETALUMA" INCUBATORS have been awarded Gold, Silver and Bronze Medals, as well as Diplomas and Certificates of Merit at the World's large expositions, and at the Alaska-Yukon Exposition received The Grand Prize, the only Grand Prize ever awarded to an Incubator.

"PETALUMA" INCUBATORS are used at the largest hatcheries in the world and it is becoming a common thing for those who order "Day Old Chicks" to specify, "These chicks must be hatched in PETALUMA INCUBATORS."

"PETALUMA" INCUBATORS are used at all the large Ostrich Farms of California, Australia, France, Germany and South Africa.

"PETALUMA" INCUBATORS are the oldest and best and while this has always been true, the New Models are still better than ever.

The "PETALUMA" is the Incubator for you.



Model 89.—63 Eggs.

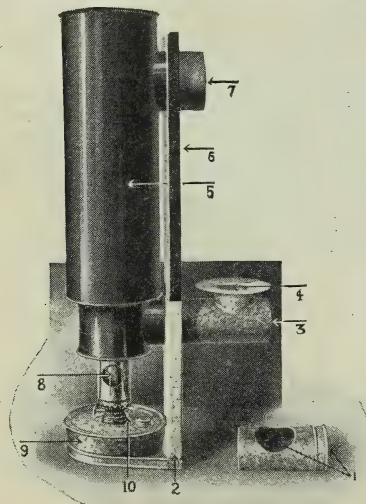
Price \$12.50. We Pay Freight.

The SAFETY LAMP HOLDER retains the lamp in a firm and rigid position and is an exceedingly handy device for removing the lamp for filling and returning it again. The safety lever and catch is so unique and simple in construction that it must be seen or used to be fully appreciated.

The MOISTURE PAN is located in the heater end of the Incubator and is reached through a small door, making it unnecessary to open the door of the egg chamber at any time to put in moisture.

### Diagram Showing Parts of Heater

- 1.—Air Filter and Subway Control.
- 2.—Lamp Holder.
- 3.—Fresh Air Conductor.
- 4.—Subway Trap.
- 5.—Heater.
- 6.—Back Plate.
- 7.—Warm Air Inlet.
- 8.—Lamp Chimney.
- 9.—Lamp Fount.
- 10.—Wire Stop on Burner.
- 11.—Safety Catch and Lever.





### PETALUMA INDOOR FIRELESS BROODERS (Standard of the World)



Model 25

As the chicks grow older, the Heat Accumulator may be removed without in any way disturbing the ventilation.

Model 3. Capacity

75 to 100 chicks,

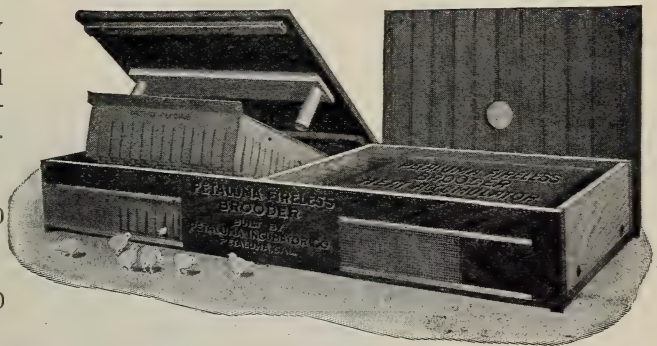
Indoor Only....\$6.00

Model 4, Capacity

150 to 200 chicks,

Indoor Only.... 9.00

We pay freight



Model 28

### PETALUMA OUTDOOR FIRELESS BROODERS



Model No. 6

Model 5. Capacity, 75 to 100 chicks, Outdoor and Indoor.....\$ 9.50  
Model 6. Capacity, 125 to 150 chicks, Outdoor and Indoor..... 12.50

### PETALUMA INCUBATOR, THE ONLY ONE TO SUCCESSFULLY HATCH OSTRICH EGGS

Used exclusively at the Ostrich Farm of E. Cawston, South Pasadena, Cal.

South Pasadena Ostrich Farm,

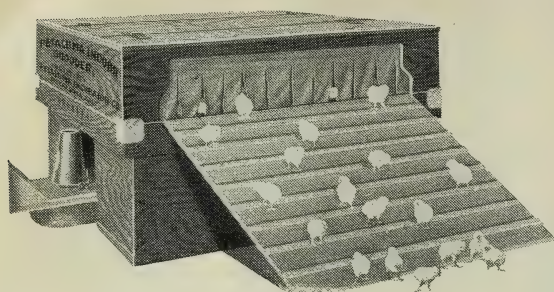
South Pasadena, January 21, 1901.

Gentlemen: In reply to yours, will say that I have used the Petaluma Incubators for hatching ostrich eggs during the past 14 years. I purchased one machine from you in February, 1887, and after one trial immediately ordered another one for my Norwalk Farm, and they gave me first-class results, hatching as high as nine young ones from ten eggs.

I have been adding machines from time to time, as my necessities demanded, and as your order book will show. The last three Petaluma Incubators were bought in the early part of 1900, and are in regular use at my South Pasadena Ostrich Farm. I have also recommended your incubators to other ostrich growers, and am pleased to know they have adopted the Petaluma.

Respectfully,

EDWIN CAWSTON.

**PETALUMA INDOOR BROODERS****Model 23**

Model 23. Capacity, 75 to 100 Chicks; price, \$ 6.00  
 Model 25. Capacity, 125 to 150 Chicks; price, 7.50  
 Model 28. Capacity, 225 to 250 Chicks; price, 13.50  
 The cut illustrates the three sizes of PETALUMA INDOOR BROODERS of the very latest design, embodying those principles that have made them so efficient (Standard of the World) with added features of ease, convenience, simplicity and economy.

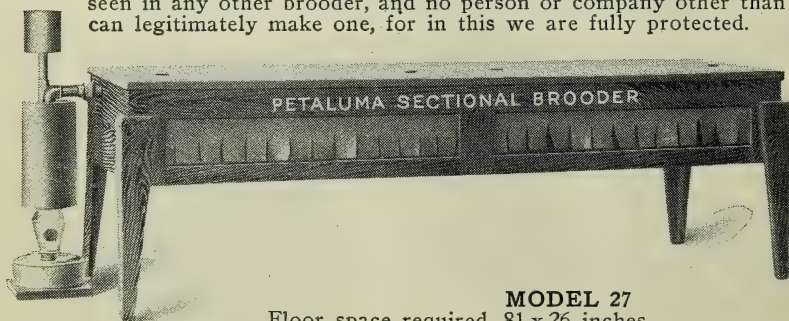
**We Pay Freight****PETALUMA OUTDOOR BROODERS****(Standard of the World)**

Model 24 Capacity, 75 to 100 Chicks; price.....\$11.00  
 Model 26 Capacity, 125 to 150 Chicks; price..... 16.00

The cut specially illustrates Models 24 and 26. The chicks enter all Petaluma Outdoor Brooders on level of ground, no embanking required for chicks to pass into or out of these Brooders.

**Model 26****PETALUMA HOT WATER SECTIONAL BROODER**

We assert without fear of successful contradiction that it is heated with a smaller consumption of coal oil than any other hot-water brooder heated by the same means, owing to the large amount of water used proportionately to the radiating surface. This is due to the peculiar construction and arrangement of the pipes and heater, the design and make of which is our own, the like of which has never been seen in any other brooder, and no person or company other than ourselves can legitimately make one, for in this we are fully protected.

**MODEL 27**

Floor space required, 81 x 26 inches.  
 Capacity, 200 to 250 Chicks. Price, \$15.00. We pay freight.

**MODEL 31**

Same in every way as the Model 27, except that the heater pipes are under the chick floors. Price, \$17.50.



### SECTIONAL AND DUPLEX BROODER HEATERS

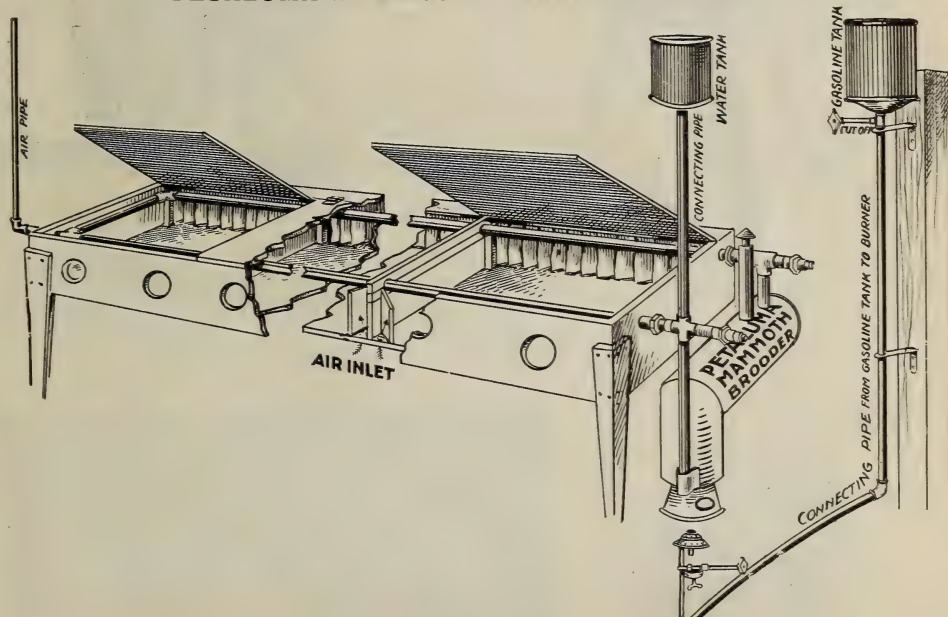
The Sectional and Duplex Brooder Heaters here-with illustrated may be used either with coal oil lamps or gasoline burners. The gasoline burners produce more than twice the heat of a lamp, hence brooders in which these heaters are used may be made twice the length given for heating with coal oil.

The price of gasoline tank, connecting pipe and burner, is to be found on this page, under the illustration of the Mammoth Brooder Heater.

Petaluma Sectional Brooder Heater.....	\$5.00
Water Tank and Connecting Pipe .....	.50
Lamp fount, burner and chimney .....	1.50
Petaluma Duplex Brooder Heater.....	6.00
Water Tank and Connecting Pipe.....	1.00
Lamp fount, burner and chimney.....	1.50

For more extended brooding, note the efficiency of our Petaluma Mammoth Brooder Heater.

### PETALUMA MAMMOTH BROODER HEATER



#### Showing Construction of Mammoth Brooder Heater

This Brooder Heater is made of copper with a galvanized iron jacket. This is the best, cheapest, and most economical brooder heater, for large capacity, ever put on the market, and is rapidly being put into the large poultry plants. All Mammoth Brooder Heaters are, unless otherwise specified, made with three-fourths inch fittings. We fit for one inch, if required, but it must be so specified.

Petaluma Mammoth Brooder Heater.....				\$10.00
Water tank and connecting pipe .	1.00	Gasoline Burner No. 1.....		1.75
Gasoline tank .....	1.15	Gasoline Burner No. 2.....		1.75
Gasoline connecting pipe .....	.60	Gasoline Burner No. 3.....		3.75
Complete Mammoth Brooder Heater, with unions, water tank and connecting pipe, gasoline tank, connecting pipe, and Burner No. 1.....				14.50
Complete Mammoth Brooder Heater, with unions, water tank and connecting pipe, gasoline tank, connecting pipe, and Burner No. 2.....				14.50

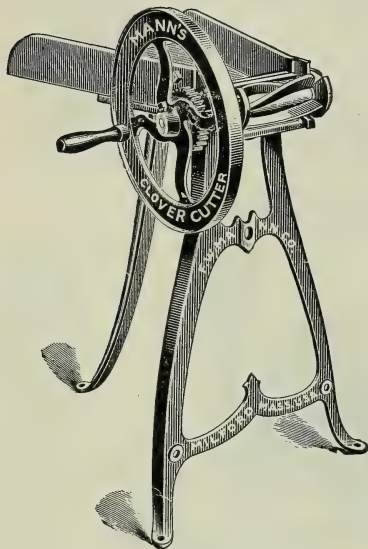
## PETALUMA MAMMOTH BROODER HEATER—Continued

Complete Mammoth Brooder Heater, with unions, water tank and connecting gasoline tank, connecting pipe, and Burner No. 3..... 16.50  
 No. 1 Burner will heat 15 to 20 feet. No. 2 Burner, 20 to 40 feet. No. 3 Burner, 20 to 40 feet. and has automatic cut-off.

Petaluma Incubators are used at all the largest Pacific Coast Poultry, Duck and Turkey Farms.

## Poultry Implements and Tools

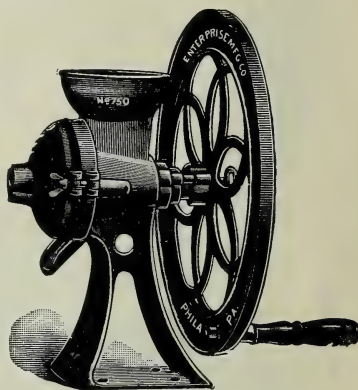
Mann's Clover Cutter



Made entirely of iron and steel. Cannot warp or shrink.

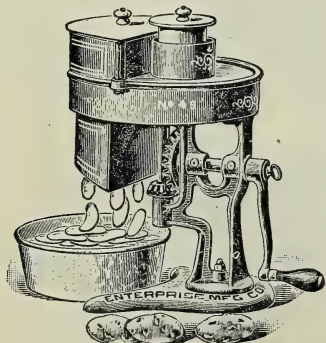
It is strongly built. The workmanship is first class in every particular, and it will last for years without repairs. It is not a toy or a rattletrap, but a thoroughly practical machine, offering the greatest value for the least money. Do not buy a clover cutter until you have seen the Mann's. Made either with or without the stand.

Enterprise Bone and Grist Mill



One of the essential tools for poultrymen. Can be used for cracking grain, bone, shell, or grit. Price, \$8.50.

With stand .....\$12.00      Prices      Without stand ..... 10.50



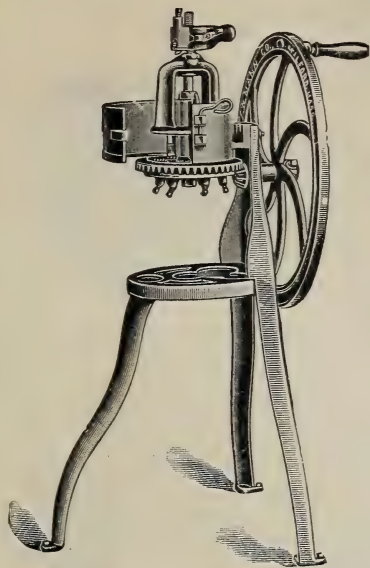
### ENTERPRISE VEGETABLE SLICER

This machine is adapted to slicing all different vegetables, such as Cabbage, Potatoes, Beets, Turnips, Carrots; in fact all vegetables used in feeding Poultry. This machine is something every person raising green vegetables for poultry should have. All poultrymen know that there is nothing equal for egg production, as green vegetables, cut up in condition for feeding. There is no waste when using the Enterprise Vegetable Cutter. Price, \$9.00. Weight when crated, 40 lbs.

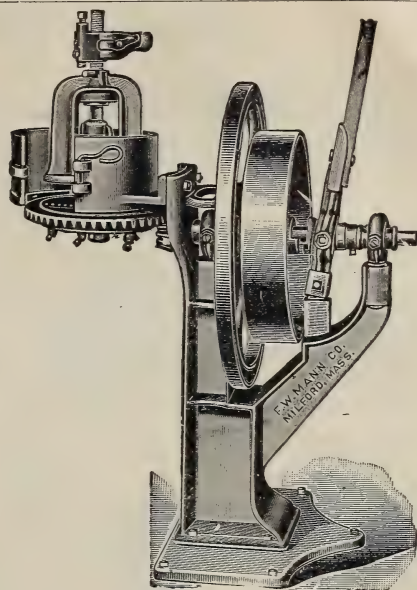
### MANN'S NEW MODEL BONE CUTTER NO. 11

Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. No. 11 is exactly the same as No. 9 with the power parts added. It has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Horse power required, 1 to 1½. Weight, 215 lbs. Diameter of pulley, 15 inches, 3½-inch face; speed of pulley, 300 to 350 revolutions per minute; cylinder same size as No. 6. Capacity, 100 lbs. and upward per hour. No. 11, \$31.50.





Model No. 7



Model No. 12

**MANN'S MODEL BONE CUTTER NO. 7**

Weight, 107 lbs. Cylinder,  $7\frac{1}{4}$  inches in diameter,  $5\frac{1}{4}$  inches deep. Capacity, one-half to one lb. per minute. Made in one size only. Price \$15.00.

**Model No. 12.**—Capacity 120 to 150 lbs. per hour. Weight 260 lbs. Diameter of pulley, 16 inches, 4-inch face; speed of pulley, 300 to 350 revolutions per minute; diameter of cylinder, 9 inches. Horsepower required, 1 to 2. Price \$35.00.



Stearns Clover Cutter

For small poultry yards this Clover Cutter answers all requirements. Can be fastened on a bench and will cut as readily as the large ones. Price \$3.00 each. Weight 8 lbs.



Caponizing Instruments

**Patent Farmer's Caponizing Set.**—The art of caponizing is quite simple, and the operation can be performed in five minutes. The best time to caponize cockerels is from six weeks to four months of age. The benefits outweigh any objections on the grounds of cruelty. People who adopt the business and get established have a grand field in which to make money. The advantages of capons are much larger and sell for more than ordinary fowls. Price, \$3.00 per set.



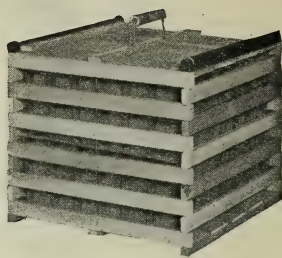
**The Pilling  
Special Caponizing Set**  
Price, complete in velvet-lined oak case, prepaid, \$4.00.



## POULTRY SUPPLIES—Continued

## Humpty Dumpty Egg Carrier

One of the handiest egg carriers on the market. This carrier will hold twelve (12) dozen eggs. Can be folded flat for shipment and is made of strong but light wooden slats fastened with strong steel wires. Very handy and something every poultryman should have. Price 75c each. Weight 6 lbs.



## Pilling French Poultry Killing Knife



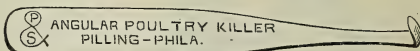
Every poultry raiser should have one of our Killing Knives. They are made of a finely tempered instrument steel, with nicked handle; will last a lifetime. Sent postpaid on receipt of 50 cents. Don't wait! Send for one now! Sent securely packed by mail on receipt of price.

**Anderson Egg Box.**—As a carrier it gives absolute security to the contents, has the same protecting qualities against heat or cold as the Eyre and possesses great strength. For shipment it is folded flat. A label is furnished which answers for address. Price, 15-egg box, 15c; \$1.20 per dozen.

**Ideal Paper Egg Box.**—Just the thing for family trade. These boxes are intended for use in delivering eggs to private families. They are exceedingly neat in appearance and go a great way toward making satisfied customers. Price, 1 doz. boxes, 20c; per 100, \$1.25; per 1000, \$9.00.



## Pilling Angular Killing Knife



By simply turning the wrist the jugular vein and spinal cord are cut thereby bleeding the fowl, allowing the feathers to be removed without using water. 50 cents net, postpaid.

## A &amp; M Lice Killing Nest Eggs

Our Lice-Killing Nest Eggs are almost an exact imitation of the real chicken eggs, and yet contain a powerful disinfectant which is guaranteed to expel lice and vermin. Much of the disease among poultry is caused by lice. Save your money by using our Lice-Killing Nest Eggs. Put up in boxes of one dozen each, at 45c per dozen, or retailed at 5c each.

## China Nest Eggs

We handle only the best grade of glass eggs, strong and durable. 2 for 5c; 25c dozen.

## Stearns Chicken Feeder

This Feeder is without doubt one of the most essential articles on a poultry ranch. It is made of galvanized iron, strong and durable, with a large extended roof over the feed box which protects it from the weather. It contains an adjustable cylinder holding the grain, which feeds fast or slow as required. Inside of the cylinder or feed box, is a cone dividing the grain so it will fall to all sides alike only feeding as fast as the fowls eat. It has an extended lip or edge inside preventing fowls from throwing the grain out. This device will save the cost of the feeder many times over in labor and feed. Price \$2.50 each.





## POULTRY SUPPLIES—Continued

## Double Chick Feeders

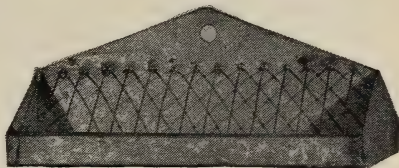
This Feeder is a money saver. When feed is thrown on the ground for little chicks you waste the feed. The little ones cannot find it. Put into this feeder it is clean and always ready. Price 50c.



Double Chick Feeder

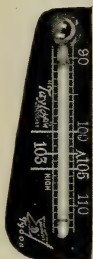
## Single Chick Feeders

Single Chick Feeder for same purpose as Double. Price 25c each.



Single Chick Feeder

## Thermometer



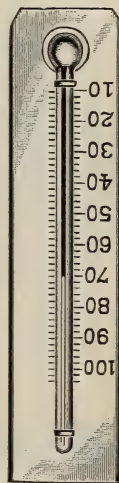
No. 2.—75c.



No. 1.—75c



No. 3.—65c.



Brooder, 35c

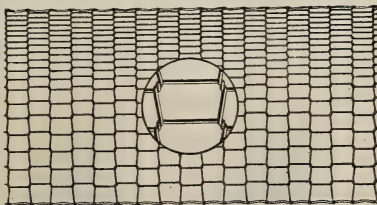
Many persons using Incubators and Brooders fail to understand the importance of having a thoroughly tested and reliable thermometer. Many a fine hatch is lost, and many a fine brood of chicks killed by using a poor thermometer. Use great care in purchasing perfect thermometers. Our thermometers are thoroughly tested and accurate.

## Wire Fencing for Poultry Yards

### The Warner Junior Poultry Fence

Warner Junior Poultry Fence is made of No. 18 galvanized wire with a No. 14 wire top and bottom, stay wires placed  $4\frac{1}{2}$  inches apart at the bottom of the fence and gradually widen as the top is reached.

Put up in 10 rod rolls.



List Price:

3 ft. wide \$3.00 per roll

4 ft. wide \$3.50 per roll

5 ft. wide \$4.75 per roll

6 ft. wide \$5.75 per roll

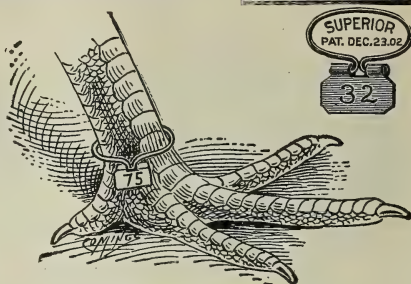
The Warner Junior Poultry is a closely woven fence that will give the best results at a very reasonable price. It embraces all the popular features of the heavier Warner Poultry Fences, having the interlocking tie to hold it rigid, and close graduated meshes which effectively turns the smallest chickens, at the same time reduces the cost of completed fence by not requiring a top or bottom board.

We carry all other grades of wire, but recommend to our customers to try the Warner, Jr., as they will find it the best and strongest and cheapest wire they can buy. The above prices are all F. O. B. car, Los Angeles, Cal.

## POULTRY SUPPLIES—Continued

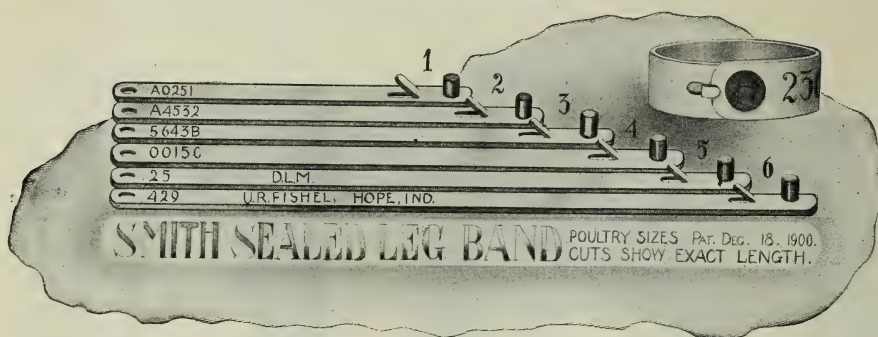
## Superior Leg Bands

This Band is easy to put on or remove, no tools required. The rings are made of spring brass and so bent that the tag acts as a clasp holding them securely in place. Made in three sizes. In ordering always mention the variety of fowl wanted for. Price, 12 for 15c; 25 for 30c; 50 for 50c; 100 for 80c, postpaid.



Climax Leg Bands

## Smith Sealed Band



Smith Sealed Bands were put on the market for a purpose. That purpose was to prevent dishonesty in the handling of scored birds and to protect the purchaser of same. Price, 12 for 20c; 25 for 40c; 100 for \$1.50.

## Flat Alluminum Leg Bands



These bands fit any variety of fowls. Can be adjusted to fit any size leg. Three-inch size for all ordinary breeds, 4 inch for extra large breeds, including Turkeys and

Geese. Price, 12 for 15c; 25 for 30c; 50 for 50c; 100 for 80c.

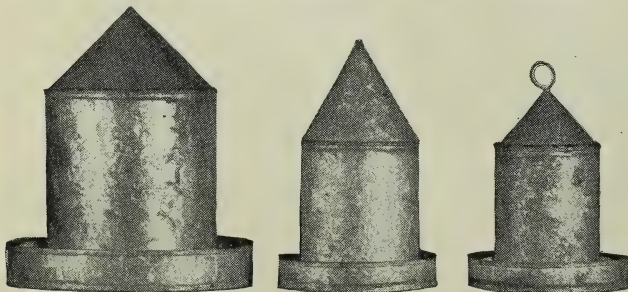
## Sanitary Fountains (Stone)

These founts are made of clay glazed inside and out. Price, 1 qt. 25c; ½ gal. 35c; gal. 45c.

We also have a clay Fount made like an olla, which keeps the water nice and cool. Same shape as the Sanitary Founts but not glazed. Price, 1 qt. 20c; ½ gal. 30c; gal. 40c.



Sanitary Stone Drinking Fountains



Galvanized Drinking Fountains

Galvanized Drinking Founts made of the best galvanized iron, nicely finished so fowls can't turn over or get on top of fount. Price, 1 qt. 25c; ½ gal. 35c; gal. 45c.



## POULTRY SUPPLIES—Continued



Poultry Punch



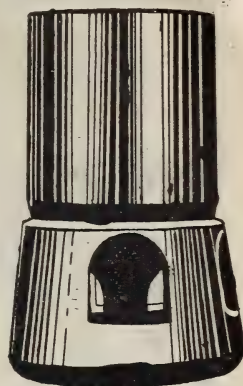
Eureka Drinking Fountain

## Poultry Punch

**Easy Marker.**—This punch is so simple in construction that it will appeal to all as a practical tool. It is similar to an ordinary leather punch. It makes a clean cut and does not mutilate the web, as do many cheaper punches. Price 25c each.

## Pigeon Fountain

This fountain is made especially for Pigeons. It is perfectly sanitary and made so the pigeon cannot get in the water. Easy to fill and keep clean. Price,  $\frac{1}{2}$  gal., 45c; gal. 60c.



Pigeon Fountain

**Eureka Drinking Fountain.**—This fountain is made of galvanized iron, with pyramid top, with air space under pyramid, keeping the hot rays of the sun from top of can, leaving the water always cool. It has a bail, with which to fasten it against the house or post, suspended high enough to prevent the fowls from scratching any filth into the pan, thus keeping the water pure. It has a drinking pan hinged to back of reservoir, giving three sides for drinking space as shown in above cut. It has an automatic catch, making it easy to fill and preventing loss of drinking pan. Always ready for use and a fountain that will give satisfaction. Price, qt. 45c;  $\frac{1}{2}$  gal. 60c; gal. 75c.

## INCUBATOR AND BROODER SUPPLIES

Lamp Fount, for Models 59, 59½, 80, 82½, 15, 16.....	\$0.50
Lamp Fount, for Models 81, 81½, 81, 82½, 83, 83½, 17, 18, 21.....	.75
Burner, for Models 59, 80, 81.....	.60
Burner, for Models 82, 83.....	.75
Burner, for Models 59½, 80½, 81½, 82½, 83½, 17, 18, 21.....	.50
Burner, for Models 15, 16.....	.25
Chimneys for all above Incubators and Brooders.....	.25
Wicks, per dozen, for Models 15, 16.....	.15
Wicks, per dozen, for Models 59, 59½, 80, 80½, 81, 81½.....	.20
Wicks, per dozen, for Models 82, 82½, 83, 83½, 17, 18 21.....	.25
Petaluma Regulator .....	2.50
Petaluma Regulator frame .....	.50
Petaluma Regulator pin .....	.25
Petaluma Regulator Screw .....	.25
Lever, weight and wife .....	1.25
Weight .....	.25
Hanger .....	.50
Moisture pan .....	.40
Tin Egg Tester for lamp.....	.35
Leather Egg Tester for Sunlight.....	.50
Petaluma Incubator Thermometer, all glass.....	1.00
Petaluma Incubator Thermometer, metal back.....	.75
Petaluma Brooder Thermometer, metal back.....	.35
Petaluma Thermometer holder .....	.25
Tray—Corrugated, Models 59, 59½, 80, 80½, 83, 83½.....	.75
Tray—Corrugated, Models 81, 81½, 82, 82½.....	1.00
Tray—Plain, Models 59, 59½, 80, 80½, 83, 83½.....	.60
Tray—Plain, Models 81, 81½, 82, 82½.....	.75
Heater, Models 59, 59½.....	3.00
Heater, Models 80, 80½, 81, 81½, 82, 82½, 83, 83½.....	4.00

Petaluma Incubators are used at all the largest Pacific Coast Poultry, Duck and Turkey Farms.



NO MIXING  
NO MASHES  
NO SICK CHICKS

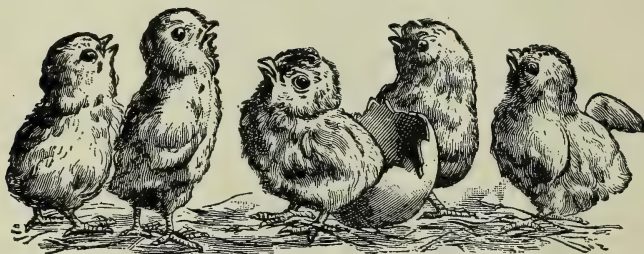


NO GRIT  
NO SAND

TWENTY VARIETIES  
DIFFERENT GRAINS  
AND SEEDS FOR THE  
HEALTH OF  
BABY CHICKS.

ONCE TRIED  
YOU WILL USE  
NO OTHER

Fed Dry and always ready  
STEINMESCH  
CHICK FEED



It is a mistake to feed young chicks soft feed—they do not need it any more than the old hen, and cannot stand it half so well. It is not the soft feed that makes the trouble alone, but the way it is fed. In most cases it is thrown on the ground and gets dirty and filthy, and for that reason is not healthy. In a great many cases it is put on a board or a platter and kept clean, but more is loaded on the board or platter than the chicks will eat at one time; in the course of an hour it gets sour, it is indigestible, and for that reason is not healthy. In addition to all this, there is the trouble of mixing the feed.

Steinmesch Chick Feed is dry and always ready for use, requiring no mixing whatever. Price, 6 lbs. 25c; 100 lbs. \$3.25.



#### BITTER LICK

This is a composition of Herbs and Salt, made in the form of a brick. Can be fastened in stall of the horse in easy access, and is one of the greatest tonics ever fed to an animal. You need no condition powder when you have "Bitter Lick" in reach of your horse. Prices, per brick, 25c; per brick holder, 15c.

Try A. & M. Superior Scratch Food.—Made from Seed Stock Grains and Seeds. Pure, Sweet and Clean.





**THE FOOD THAT GIVES SURE RESULTS IN EGGS AND MEAT.  
ONLY BALANCED RATION ON THE MARKET.**

Midland No. 1.—For baby chicks. \$2.25 per sack.

Midland No. 2.—Growing chicks. \$2.25 per sack.

Midland No. 3.—Fattening chicks. \$2.25 per sack.

Midland No. 4.—Will produce more eggs and give better results than any other food. \$1.95 per sack.

The accompanying illustration shows one of the best commercial poultry farms in Southern California, where the birds are being fed with Midland Food.

The special foods which we prepare are composed of the very best material obtainable and as carefully and accurately mixed as it is possible to make them. They are complete foods and will produce specific results, each for its purpose and no other. We want you to become an established customer of ours. We want your trade, be it little or much. There is only one way we can secure it and that is by sending you material that will do what we claim for it. Price, \$1.95 per sack.

### A & M STOCK CONDITIONER

This Condition Powder is prepared from a formula which is endorsed by some of the best Veterinary Surgeons in the country. The ingredients used in its manufacture are those best judged to

answer the requirements of an ideal Conditioner. The drugs and medicinal constituents contained herein are used in proportions, evenly balanced, so as to give the best possible results, keeping stock in the pink of condition at all times. It's a most important matter that all live stock should be kept in good condition. Feeding stock in the ordinary manner with grain, etc., is not conducive to the best health, sluggishness and loss of appetite often occur. Feed a good conditioner such as this, and stock will pay well for the investment in extra work done.

The digestive apparatus of animals is very liable to become sluggish, due to overwork, etc. To ensure maximum flesh production and so prevent loss of flesh and consequent deterioration, this Conditioner should be regularly administered. It is money in your pocket to feed a good Conditioner. Feed this powder and your stock will have good health and fatten by natural process.



## A &amp; M STOCK CONDITIONER—Continued

## Directions For Feeding This Stock Conditioner

In ordinary cases, a teaspoonful of this Conditioner should be given in ground feed twice daily. If you have an aggravated case, the dose should be doubled until usual vigor has been regained. Don't wait until stock are run down and out of condition, which is due to loss of appetite, overwork, etc., but feed these powders regularly as an insurance. It will pay you handsomely. Stock will retain their appetites and so keep in good working condition all the time.

For Mares and Stallions, a dose of the powder twice daily, will keep them healthy and in good spirits.

For Hogs, a tablespoonful mixed with feed morning and night will render appetite keen and so insure good fat animals.

For Cattle, the regular dose will be effective for preventive purposes, but should be increased whenever used for specific ailment.

Remember this is a concentrated tonic and not like the ordinary diluted cheap stock foods.



Having successfully used this Conditioner, recommend it to your friends.

Price, pkgs., 25c and 50c; pails, 25 lbs., \$3.50.

Guaranteed under the Food and Drug Act, June 20, 1906. Serial No. 4237.

## TONICS AND REMEDIES

Conkey's Roupe Cure.—Per box 50c and \$1.00.

Harding's Roupe Cure.—Per box 50c and \$1.00.

Church's Roupe Cure.—Per bottle 50c.

Roupozone Roupe Cure.—Per bottle 25c and 50c.

Lambert's Death to Lice.—Per pkg. 10c, 25c, 50c, \$1.00.

Lambert's Ointment.—Per box 10c and 25c.

Hess & Clarke's Instant Louse Powder.—Per pkg. 35c and 60c.

Hess & Clarke's Pan-a-cea.—Per pkg. 35c and 85c; pail \$3.50.

Creazone.—Per quart 35c; ½ gal. 60c; gal. \$1.00.

Spratt's Dog Biscuit.—Per pkg. 25c.

Spratt's Cat Food.—Per pkg. 25c.

Chicken Chili, Fine.—Per lb. 15c.

Chicken Chili, Coarse.—Per lb. 15c.



## SWIFT'S BEEF SCRAPS

Our beef scraps are a fine clean preparation made from pure inspected meat. No scavenger product in Swift's Beef Scrap. One of the essentials in egg-production. Price, \$3.50 per 100 lb. sack.

We are the exclusive agents for Swift's Beef Scraps made from pure sweet meal after government inspection. You cannot afford to use any other.

## ALFALFA MEAL

Green food is absolutely necessary for poultry. No one can afford to be without it. Fed with soft feeds and beef scraps make a great egg food. Prices sent on application.



## A & M EGG MAKER

This Egg Maker is composed of Granulated blood (deodorized), powdered roots, herbs, salts and spices in kind and proportion as most needed and best adapted to the health productiveness of the domestic fowl. Only pure dried

should be fed only according to directions. Never feed it alone.

### Directions

Mix a couple of tablespoonfuls of the Egg Maker with soft mash for each 15 or 20 fowls, the morning meal being the best time, and once a day often enough, the Egg Maker being very invigorating and effective in egg making when fed in this manner.

For young chicks give half the quantity and the result will be most gratifying. Under ordinary conditions the above mentioned quantities will be found sufficient, but if the birds are in a poor or unhealthy state the dose may be given twice daily instead of once.

Keep gravel, oyster shell or grit and clean water before the fowls at all times.

Having secured good results, recommend the Egg Maker to your friends.



blood is used in this preparation. It is the most highly concentrated form of meat food, each pound being equal to 16 lbs. of fresh beef. It contains no bran, shell, sand or other cheap filler and is the largest value of any egg maker on the market. It supplies all meat food and other material necessary for laying and breeding stock and growing chicks, except common grain food, gravel or grit and water.

To obtain the best results, fowls must be kept in a healthy condition and, in order to achieve this, a good tonic such as this should be fed regularly. This tonic keeps digestive apparatus, etc., in perfect condition and is unsurpassed by any other preparation of its kind on the market. It is highly concentrated and



Price, Pkgs., 25c and 50c; pails, 25 lbs., \$3.50.

Guaranteed under the Pure Food and Drug Act, June 30, 1906. Serial No. 4237.

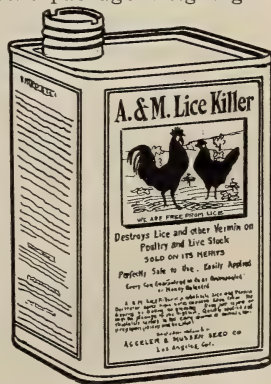
### A. & M. LICE AND MITE KILLER

Is a thoroughly good insect powder, being carefully pulverized, sifted and mixed, and is intended especially for killing lice on young chicks, setting hens, domestic animals, etc. It may be used freely about the nests of laying or setting hens without danger or injury to the eggs, chicks or fowls. The illustration shows design of new 25-cent package weighing 20 ounces and having sprinkler top under outside cap. This makes it very convenient of application. 20 oz. can 25c; 50 oz. can 50c.



**A. & M. LIQUID LICE KILLER**  
Perfectly Safe to Use. Sold on its Merits. Easily Applied.

Is a wholesome lice and vermin destroyer. Saves Expense. Saves Labor. No dipping. No dusting. No greasing. Does not injure the fowls or mar the plumage in the slightest. Quickly applied and absolutely certain to kill every species of parasite that prey on poultry and live stock. Prices: Quart can, 35c; half gal. can, 60c; 1 gal. can, \$1.00. Also in 5 gal. cans, \$4.00.



## POULTRY REMEDIES

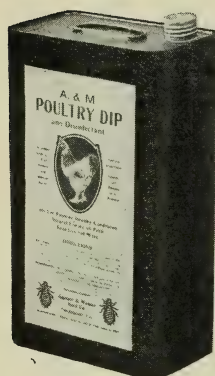


**A. & M. ROUPOZONE**  
Disease Cure and Preventive.  
Keeps Poultry in Healthy  
Condition. A Valuable  
Antidote For Many  
Diseases of Live Stock

Will cure Roup, Cholera, Indigestion, Bowel Complaints, Canker, Frosted Combs, Chicken Pox, Swelled Head, Sores, Cuts, Wounds, Sore Eyes, etc., etc. Prevents the possibility of disease invading the chicken house. Also cures Sore Mouth, Sore Breast, Back of Shoulders, Cracked Heels, Thrush Wounds, Cuts, Sores, Saddle Galls.

Full Directions on each bottle.

Prices: Per 8 oz. bottle, 25c; per 10 oz. bottle, 50c; tablet form, 50c per box of 25 tablets.

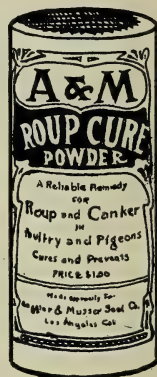


## A. &amp; M. ROUP CURE POWDER

Will cure a Cold in three or four days. Use one measure full to one gallon of drinking water. Directions on every package. Prices: 25c, 50c and \$1.00 per box.

## A. &amp; M. POULTRY DIP AND DISINFECTANT

Destroys Insects and Vermin on all animals. Kills Lice and Mites—Splendid Disinfectant. Its use assures a healthy condition. Price,  $\frac{1}{2}$  gal. 75c; 1 gal. \$1.25.



Wheat, Kaffir Corn, Egyptian Corn.—Prices made on application.

Mica Grit.—Per 100 lbs. \$1.00.

Clam Shell.—Per 100 lbs. \$1.00.

Oyster Shell.—Per 100 lbs. \$1.35.

Charcoal.—Pure Eastern Willow. Coarse, medium and fine. Per 100 lbs. \$2.50.

Blood Meal.—Per 100 lbs. \$4.00.

Meat Meal.—Per 100 lbs. \$2.50.

Bone Meal.—Coarse and fine. Per 100 lbs. \$2.75.

Armour's Beef Scraps.—Per 100 lbs. \$3.50.

Oil Cake and Flax Meal.—Prices on application.

Pigeon Peas.—Per 100 lbs. \$4.00.

If you want the best healthy Chicks feed Steinmesch Chick Feed. If you want Chicks free from Bowel trouble, feed Steinmesch Chick Feed. If you want to raise baby Chicks with the least care and free from disease, feed Steinmesch Chick Feed. Price \$3.25 per 100 lbs.



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**AN ORDER FOR AGGELER & MUSSER'S SEEDS AND PLANTS**

*From* \_\_\_\_\_

*P. O.* \_\_\_\_\_

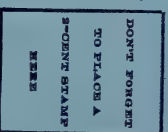
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**THE AGGELER & MUSSER SEED CO.**

**Los Angeles**

**113-115 North Main St.**

**California**



**Unexcelled results are obtained by using**



# **RELIABLE SEEDS AND PLANTS**

**Aggeler & Musser Seed Co. Los Angeles, California**



## ORDER SHEET FOR RELIABLE SEEDS, PLANTS, ETC.

The AGGELER & MUSSER SEED CO., Inc.

113-115 N. Main Street.

Los Angeles, Cal. U. S. A.

Please forward the following ORDER, for amount enclosed, to

Name \_\_\_\_\_

Amount Enclosed\_\_\_\_\_

Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

P. O. Money Order\_\_\_\_\_

Post Office \_\_\_\_\_ F. D. No. \_\_\_\_\_

Exp. Money Order\_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Draft \_\_\_\_\_

Forward By ☐ Mail ☐ Express Or ☐ Freight

Currency\_\_\_\_\_

Stamps, 5c & 10c preferred\_\_\_\_\_

Total\_\_\_\_\_

Name of Station or Exp. Office \_\_\_\_\_

Date \_\_\_\_\_ 190\_\_\_\_\_

NOTICE--We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. If the purchaser does not except the goods on these terms, they are to be returned at once. Aggeler & Musser Seed Co.

[illegible]







# PLANTING CALENDAR

The following is a calendar for the general planting of vegetables, but, owing to the various soils and climatic conditions, this calendar cannot be applied to every locality, even in Southern California, for which this calendar is intended.

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPT.	OCTOBER	NOVEMBER	DECEMBER
Asparagus *Beans Beets Brussels Sprouts Cabbage Celery Carrots Chervil Chives Chicory Corn Cress Corn Salad *Egg Plant Horse Kale Kohl Rabi Lettuce Mustard *Onions Parsley Peas *Peppers *Potatoes Radish Rhubarb Salsify Spinach, Winter Turnip	†Asparagus Beets *Beans Cabbage Celery Chervil Chives Chicory Corn Cress Corn Salad *Cucumbers *Egg Plant Horse Kale Radish Kohl Rabi Lettuce Mustard *Onion Parsnip Peas *Peppers *Potatoes Radish Rhubarb Salsify Spinach, Winter Turnip	Artichoke Asparagus Beets Beans Cabbage Chives Chicory Chervil Corn, Sweet Cucumbers and Field *Egg Plant Kale Lettuce Melons, Musk and Water Okra *Onions Parsley Potatoes Sweet *Potatoes, Pumpkin Rhubarb, Seed Salsify Spinach, Summer Squash †Tomato	Artichoke, Seed Asparagus Beets Beans Cabbage Carrots Celery Chives Chicory Corn, Sweet Cucumbers and Field *Egg Plant Kale Lettuce Melons, Musk & Casabas Okra Parsley Parsnip *Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes	Artichoke, Seed Asparagus, Seed Beans Cabbage Carrots Celery Chives Chicory Corn, Sweet Cucumbers and Field *Egg Plant Kale Lettuce Melons, Musk & Casabas Okra Parsley Parsnip *Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes	Artichoke, Seed Beans Cabbage Carrots Celery Chives Chicory Corn, Sweet Cucumbers and Field *Egg Plant Kale Lettuce Melons, Musk & Water, Okra Parsley Parsnip *Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes	Beets Beans Cabbage Carrots *Corn, Field Cauliflower Cucumbers *Egg Plant Kale Kohl Rabi Leek Lettuce Melons, Casabas Okra Parsley Parsnip *Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes Turnip	Artichoke, Seed Beans Brussels Sprouts Cabbage Carrots Cauliflower Chervil Chives Chicory Cress *Egg Plant Endive Garlic Kale Kohl Rabi Lettuce Mustard *Onion Parsley Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes Turnip	Beets *Beans Brussels Sprouts Cabbage Carrots Cauliflower Chervil Chives Chicory Cress *Egg Plant Endive Garlic Kale Kohl Rabi Lettuce Mustard *Onion Parsley Peas *Peppers Potatoes Pumpkin Radish Spinach Turnip	Beets *Beans Brussels Sprouts Cabbage Carrots Cauliflower Chervil Chives Chicory Cress *Egg Plant Endive Garlic Kale Kohl Rabi Lettuce Mustard *Onion Parsley Peas *Peppers Potatoes Pumpkin Radish Spinach, Winter Turnip	Artichoke, Seed Asparagus, Seed Beans Cabbage Carrots Celery Chives Chicory Corn, Sweet Cucumbers and Field *Egg Plant Kale Lettuce Melons, Musk & Casabas Okra Parsley Parsnip *Peas *Peppers Potatoes Pumpkin Radish Spinach, Summer Squash *Tomatoes	

\*Plant in frostless sections only.

†Plant seed in hot bed.

‡Plant both seed and plants

§Plant in low, heavy land.

¶In the Colorado Desert.



SEVEN MOST POPULAR CASABAS  
SNATCHED FROM NATURE.

SKETCHED FROM NATURE

WHITE'S FAVORITE

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